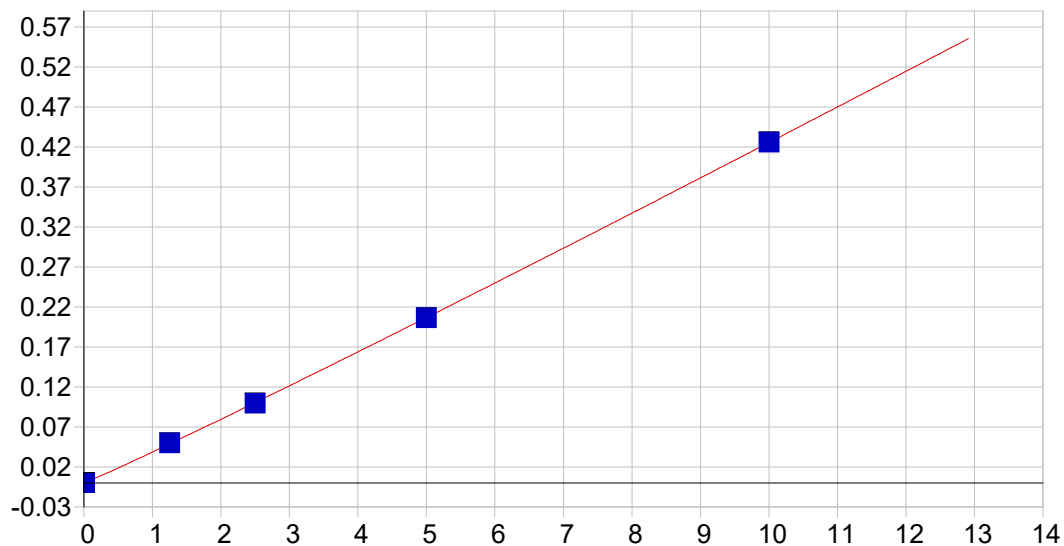


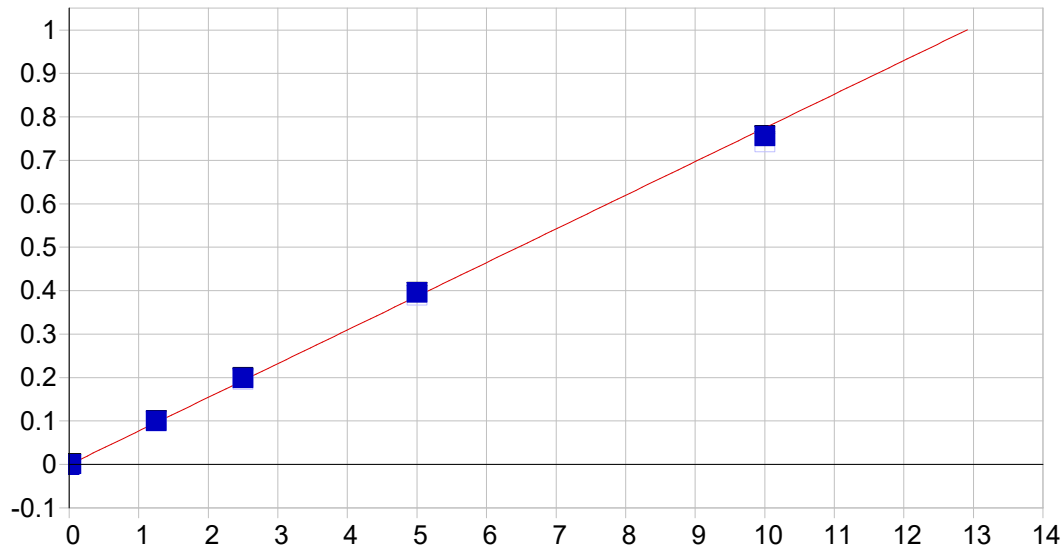


As 189.042 {479}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	-0.000049	Re-Slope:	1.000000
A1 (Gain):	0.038756	Y-int:	0.000000
A2 (Curvature):	0.000006		
n (Exponent):	1.040000		
Correlation:	0.999955	Status:	Warning Positive Curvature
Std Error of Est:	0.000009		
Predicted MDL:	0.003871		
Predicted MQL:	0.012902		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00005	.000	1
S1	.01000	.00601	-.004	-39.9	.00014	.000	1
S2	1.2500	1.2758	.026	2.06	.04977	.000	1
S3	2.5000	2.4827	-.017	-.694	.09954	.000	1
S4	5.0000	4.9893	-.011	-.214	.20586	.000	1
S5	10.000	10.006	.006	.061	.42494	.001	1

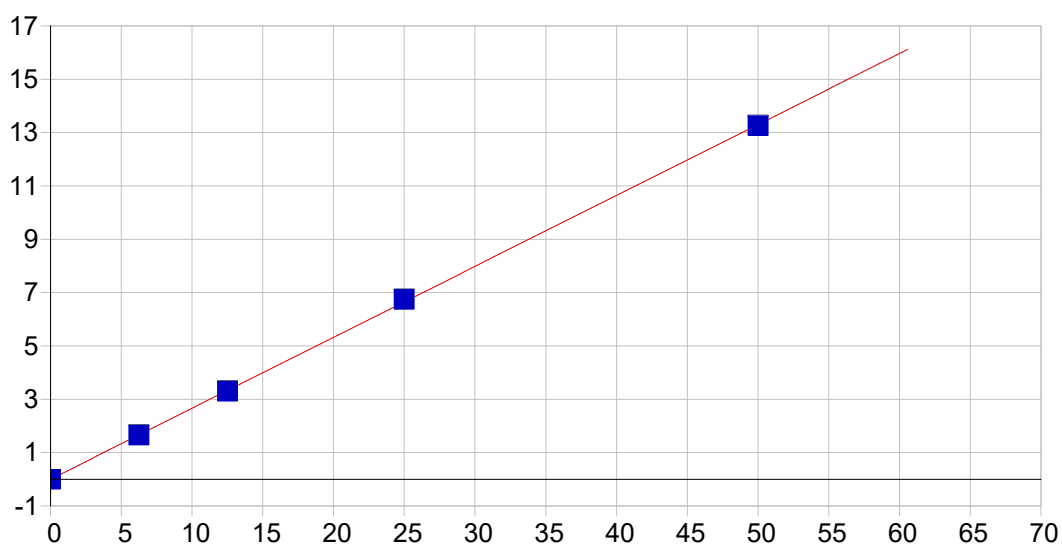


TI 190.856 {477}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000503 Re-Slope: 1.000000
 A1 (Gain): 0.077519 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999635 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.002270
 Predicted MQL: 0.007568

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00050	.000	1
S1	.02500	.02297	-.002	-8.11	.00120	.000	1
S2	1.2500	1.3035	.054	4.28	.09876	.000	1
S3	2.5000	2.5761	.076	3.05	.19563	.001	1
S4	5.0000	5.1139	.114	2.28	.38877	.000	1
S5	10.000	9.7585	-.242	-2.42	.74168	.002	1

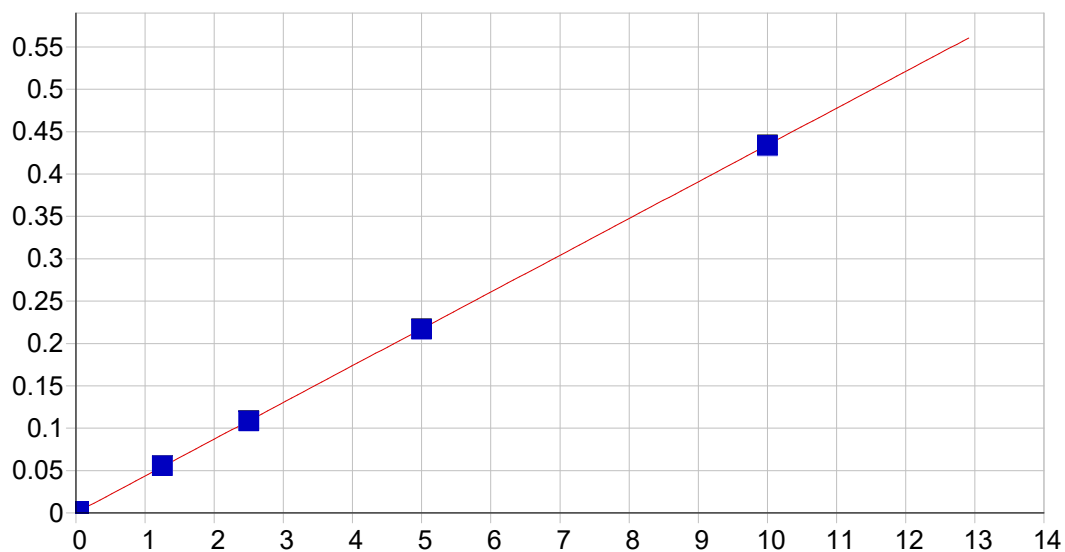


Pb 220.353 {453}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000636 Re-Slope: 1.000000
 A1 (Gain): 0.266033 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.001574
 Predicted MQL: 0.005246

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.001	1
S1	.01000	.00904	-.001	-9.55	.00304	.000	1
S2	6.2500	6.2065	-.044	-.696	1.6521	.003	1
S3	12.500	12.383	-.117	-.939	3.2955	.017	1
S4	25.000	25.320	.320	1.28	6.7378	.018	1
S5	50.000	49.842	-.158	-.316	13.263	.011	1

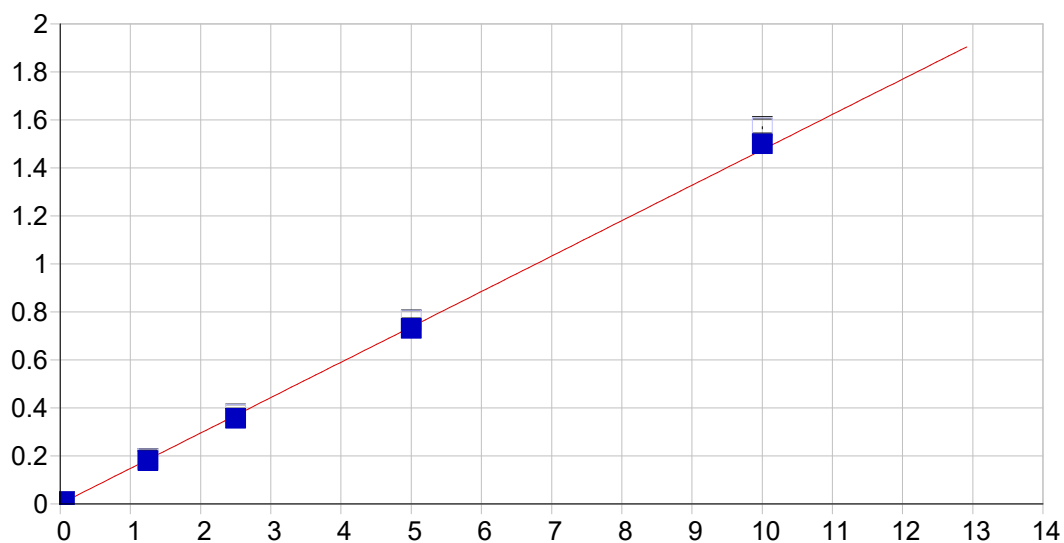


Se 196.090 {472}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000224 Re-Slope: 1.000000
 A1 (Gain): 0.043401 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.004050
 Predicted MQL: 0.013499

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00022	.000	1
S1	.03500	.03746	.002	7.03	.00185	.000	1
S2	1.2500	1.2785	.028	2.28	.05557	.000	1
S3	2.5000	2.4962	-.004	-.154	.10827	.000	1
S4	5.0000	4.9911	-.009	-.177	.21628	.000	1
S5	10.000	9.9818	-.018	-.182	.43230	.001	1

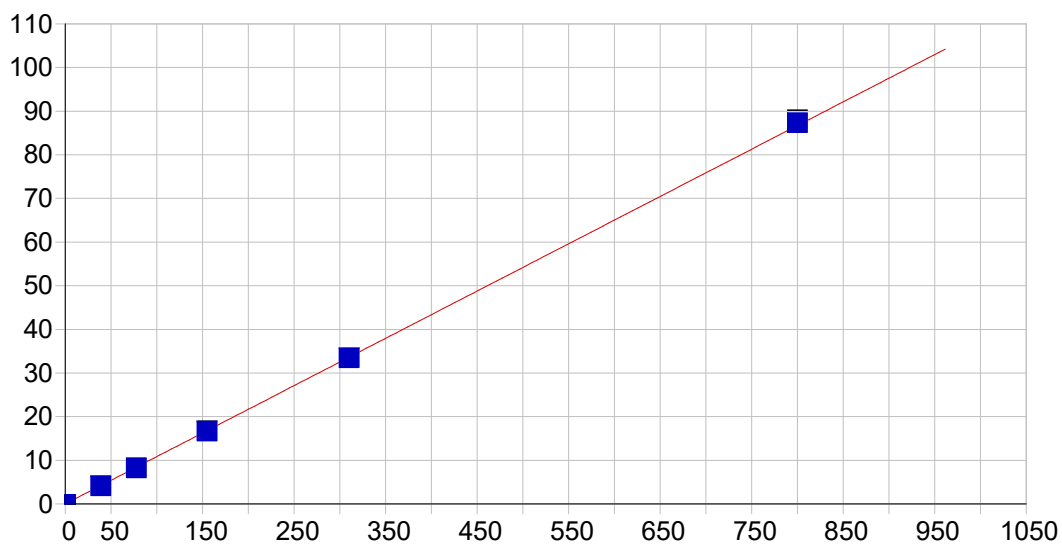


Sb 206.833 {463}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000357 Re-Slope: 1.000000
 A1 (Gain): 0.147464 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.001782
 Predicted MQL: 0.005940

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.06000	.05938	-.001	-1.03	.00912	.000	1
S2	1.2500	1.2154	-.035	-2.77	.18807	.000	1
S3	2.5000	2.4138	-.086	-3.45	.37327	.001	1
S4	5.0000	4.9561	-.044	-.877	.76515	.002	1
S5	10.000	10.165	.165	1.65	1.5673	.004	1

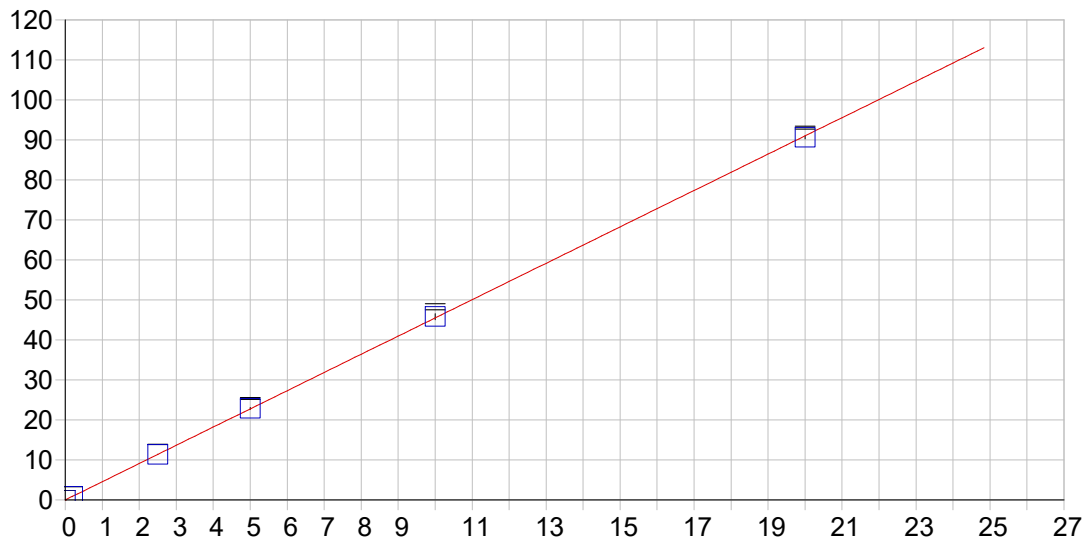


AI 396.152 { 85}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.006653	Re-Slope:	1.000000
A1 (Gain):	0.108384	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999944	Status:	OK.
Std Error of Est:	0.000715		
Predicted MDL:	0.008674		
Predicted MQL:	0.028915		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00666	.001	1
S1	.20000	.17529	-.025	-12.4	.02603	.001	1
S2	38.750	37.616	-1.13	-2.93	4.0920	.021	1
S3	77.500	75.425	-2.07	-2.68	8.1983	.047	1
S4	155.00	153.85	-1.15	-.742	16.715	.077	1
S5	310.00	308.32	-1.68	-.542	33.491	.048	1
S6	800.00	806.07	6.07	.759	87.426	.582	1

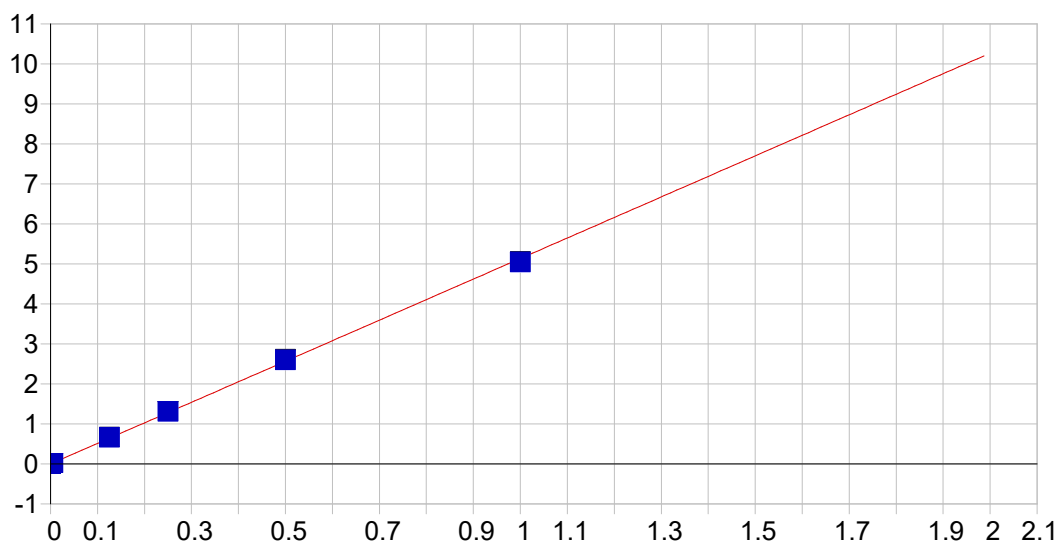


Ba 493.409 { 68}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004591 Re-Slope: 1.000000
 A1 (Gain): 4.550241 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.003364
 Predicted MDL: 0.000448
 Predicted MQL: 0.001494

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00464	.003	1
S1	.20000	.18685	-.013	-6.58	.85480	.019	1
S2	2.5000	2.5036	.004	.146	11.397	.053	1
S3	5.0000	5.0266	.027	.532	22.877	.204	1
S4	10.000	10.067	.067	.674	45.814	.770	1
S5	20.000	19.915	-.085	-.423	90.625	.347	1

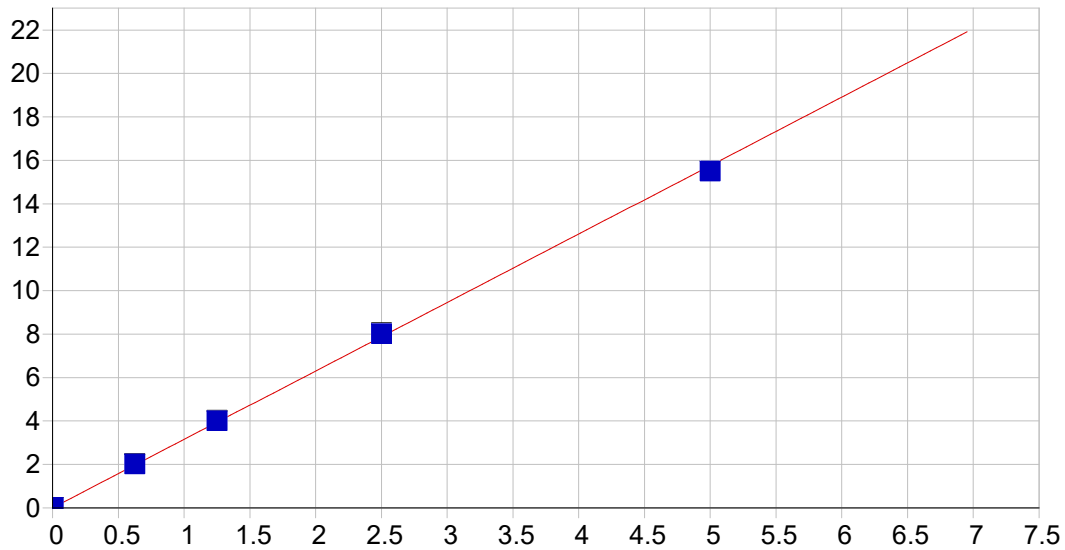


Be 234.861 {144}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000602	Re-Slope:	1.000000
A1 (Gain):	5.134650	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999817	Status:	OK.
Std Error of Est:	0.000368		
Predicted MDL:	0.000068		
Predicted MQL:	0.000225		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00060	.000	1
S1	.00500	.00477	-.000	-4.63	.02387	.001	1
S2	.12500	.12971	.005	3.77	.66329	.001	1
S3	.25000	.25555	.006	2.22	1.3073	.004	1
S4	.50000	.50676	.007	1.35	2.5929	.014	1
S5	1.0000	.98321	-.017	-1.68	5.0308	.009	1

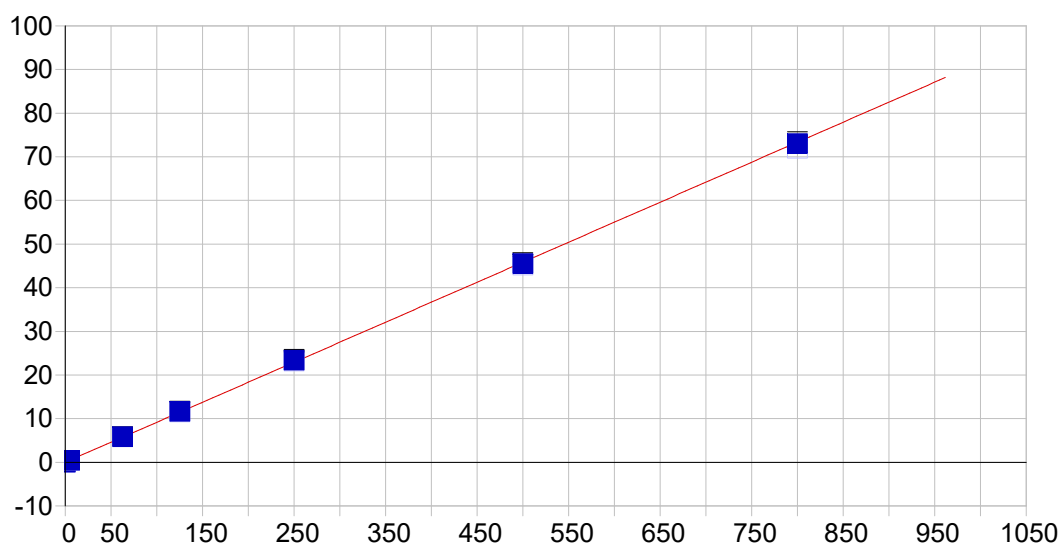


Cd 214.438 {457}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000396 Re-Slope: 1.000000
 A1 (Gain): 3.151539 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846 Status: OK.
 Std Error of Est: 0.000464
 Predicted MDL: 0.000085
 Predicted MQL: 0.000282

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00040	.000	1
S1	.00500	.00493	-.000	-1.42	.01594	.000	1
S2	.62500	.64124	.016	2.60	2.0243	.002	1
S3	1.2500	1.2709	.021	1.68	4.0119	.021	1
S4	2.5000	2.5444	.044	1.77	8.0312	.026	1
S5	5.0000	4.9185	-.081	-1.63	15.526	.002	1

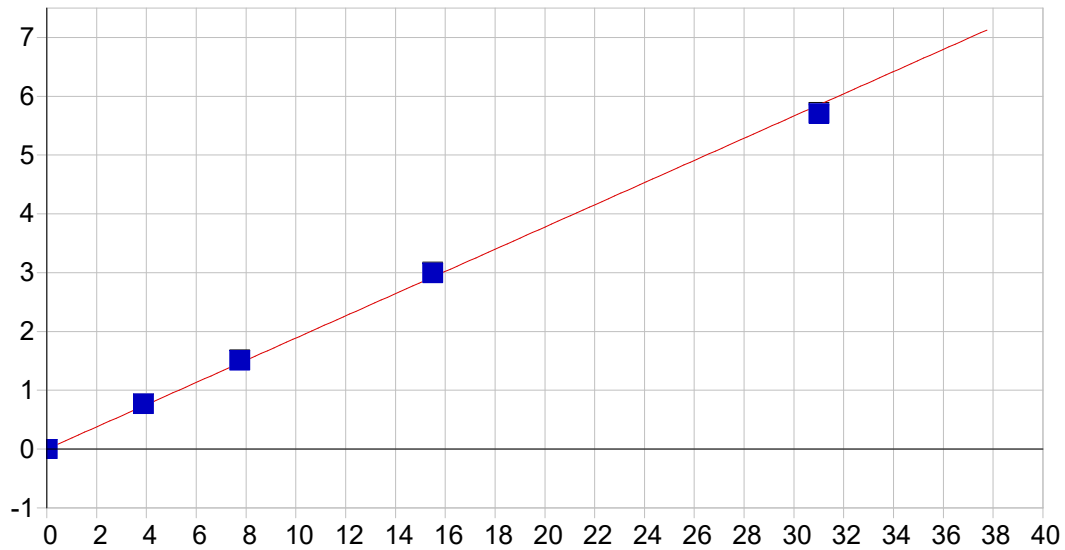


Ca 373.690 { 90}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000521 Re-Slope: 1.000000
 A1 (Gain): 0.091693 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.003303
 Predicted MDL: 0.009928
 Predicted MQL: 0.033094

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00052	.001	1
S1	5.0000	4.7916	-.208	-4.17	.43974	.009	1
S2	62.500	63.409	.909	1.45	5.7634	.036	1
S3	125.00	126.78	1.78	1.42	11.523	.106	1
S4	250.00	254.88	4.88	1.95	23.166	.192	1
S5	500.00	496.56	-3.44	-.689	45.121	.188	1
S6	800.00	796.06	-3.94	-.492	71.900	.444	1

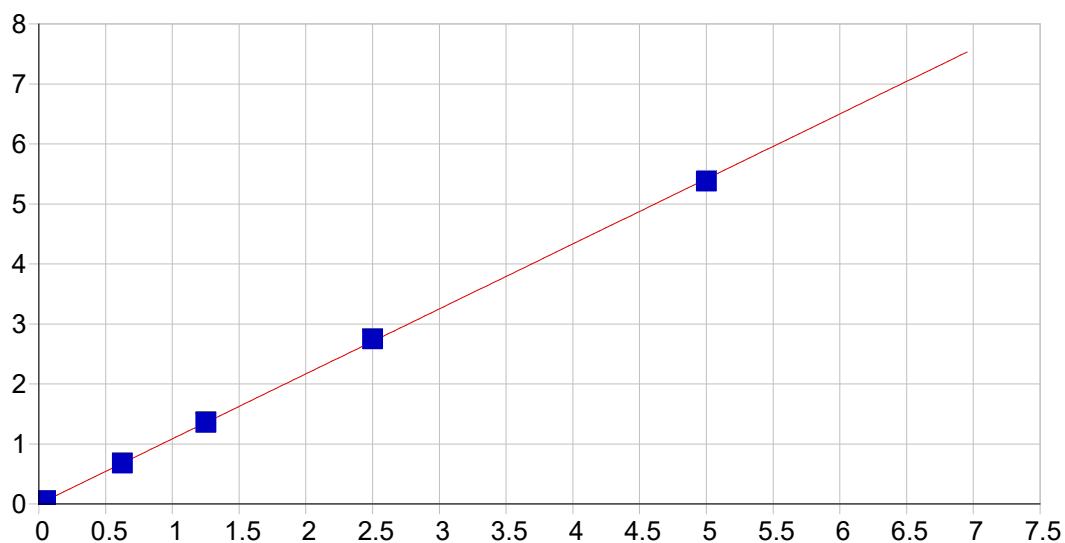


Cr 267.716 {126}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000015 Re-Slope: 1.000000
 A1 (Gain): 0.188805 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999598 Status: OK.
 Std Error of Est: 0.000158
 Predicted MDL: 0.000536
 Predicted MQL: 0.001788

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01025	.000	2.52	.00195	.000	1
S2	3.8750	4.0836	.209	5.38	.77194	.000	1
S3	7.7500	7.9863	.236	3.05	1.5097	.004	1
S4	15.500	15.851	.351	2.27	2.9965	.011	1
S5	31.000	30.203	-.797	-2.57	5.7099	.018	1

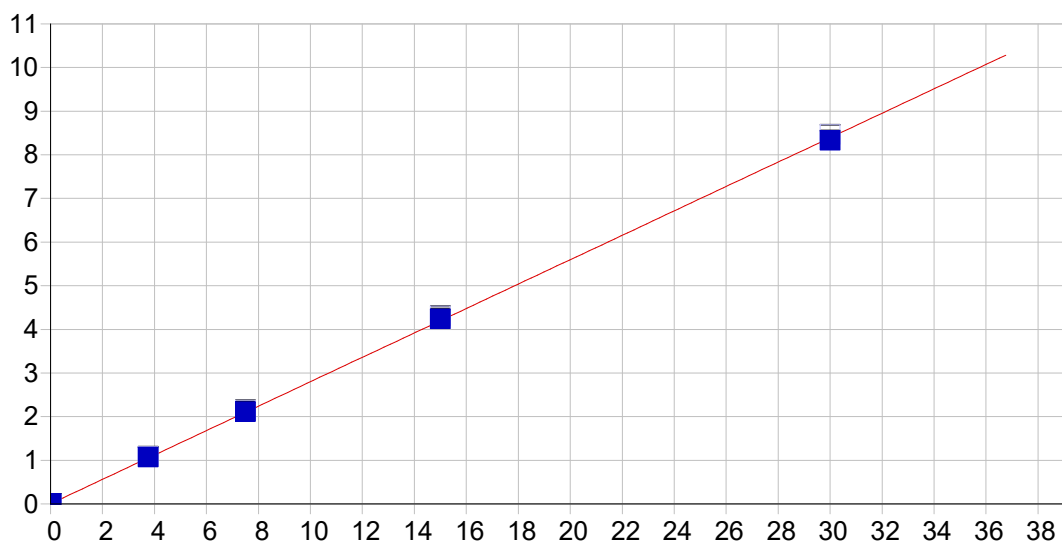


Co 228.616 {448}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000269	Re-Slope:	1.000000
A1 (Gain):	1.083206	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999955	Status:	OK.
Std Error of Est:	0.000275		
Predicted MDL:	0.000265		
Predicted MQL:	0.000885		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.05000	.04776	-.002	-4.48	.05219	.001	1
S2	.62500	.62505	.000	.008	.67841	.001	1
S3	1.2500	1.2519	.002	.153	1.3585	.009	1
S4	2.5000	2.5356	.036	1.42	2.7511	.008	1
S5	5.0000	4.9647	-.035	-.706	5.3867	.005	1

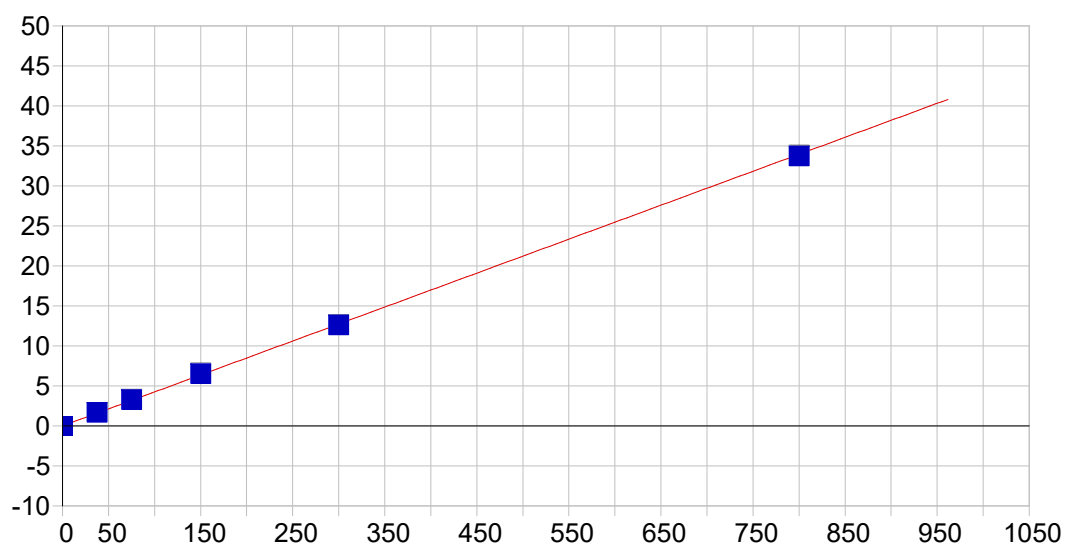


Cu 324.754 {104}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003114	Re-Slope:	1.000000
A1 (Gain):	0.279677	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999951	Status:	OK.
Std Error of Est:	0.000130		
Predicted MDL:	0.002183		
Predicted MQL:	0.007277		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00312	.000	1
S1	.02500	.01953	-.005	-21.9	.00997	.000	1
S2	3.7500	3.8210	.071	1.89	1.0886	.001	1
S3	7.5000	7.5390	.039	.520	2.1452	.011	1
S4	15.000	15.132	.132	.879	4.3024	.011	1
S5	30.000	29.765	-.235	-.785	8.4622	.008	1

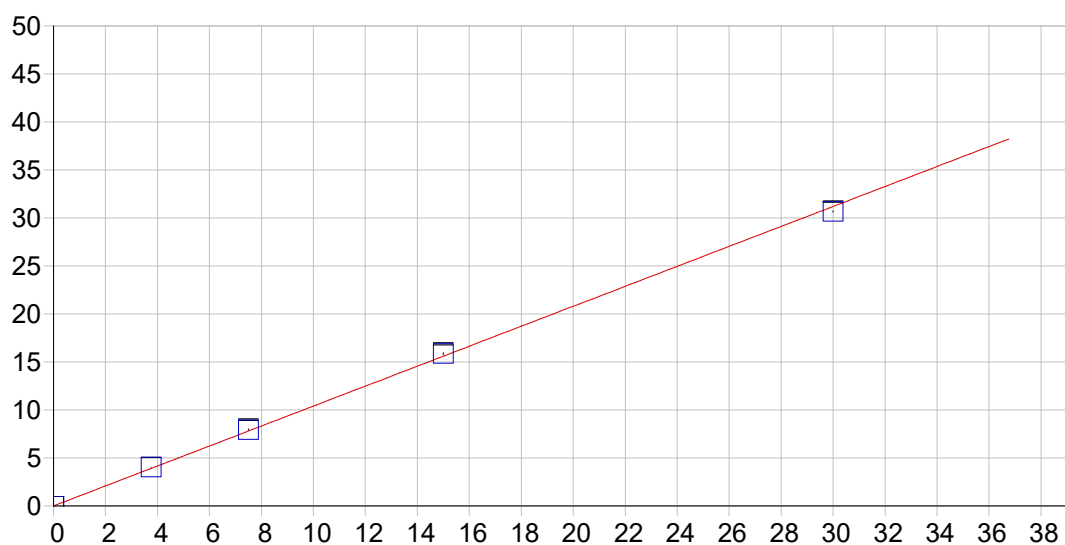


Fe 259.837 {130}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.042442 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887 Status: OK.
 Std Error of Est: 0.000279
 Predicted MDL: 0.006822
 Predicted MQL: 0.022739

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.10000	.09508	-.005	-4.92	.00427	.000	1
S2	37.500	39.255	1.76	4.68	1.6694	.005	1
S3	75.000	77.303	2.30	3.07	3.2875	.025	1
S4	150.00	153.81	3.81	2.54	6.5413	.041	1
S5	300.00	297.26	-2.74	-.914	12.643	.005	1
S6	800.00	794.87	-5.13	-.641	33.779	.044	1

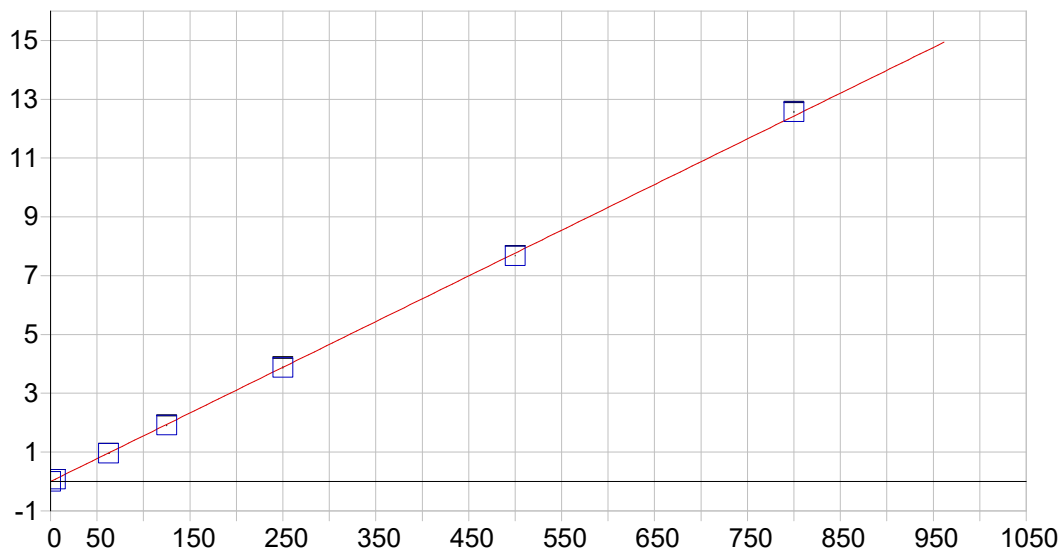


Mn 257.610 {131}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000658 Re-Slope: 1.000000
 A1 (Gain): 1.039780 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834 Status: OK.
 Std Error of Est: 0.000673
 Predicted MDL: 0.000316
 Predicted MQL: 0.001052

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00066	.000	1
S1	.01500	.01483	-.000	-1.13	.01608	.000	1
S2	3.7500	3.8668	.117	3.11	4.0212	.021	1
S3	7.5000	7.6371	.137	1.83	7.9415	.075	1
S4	15.000	15.248	.248	1.65	15.855	.119	1
S5	30.000	29.498	-.502	-1.67	30.672	.067	1

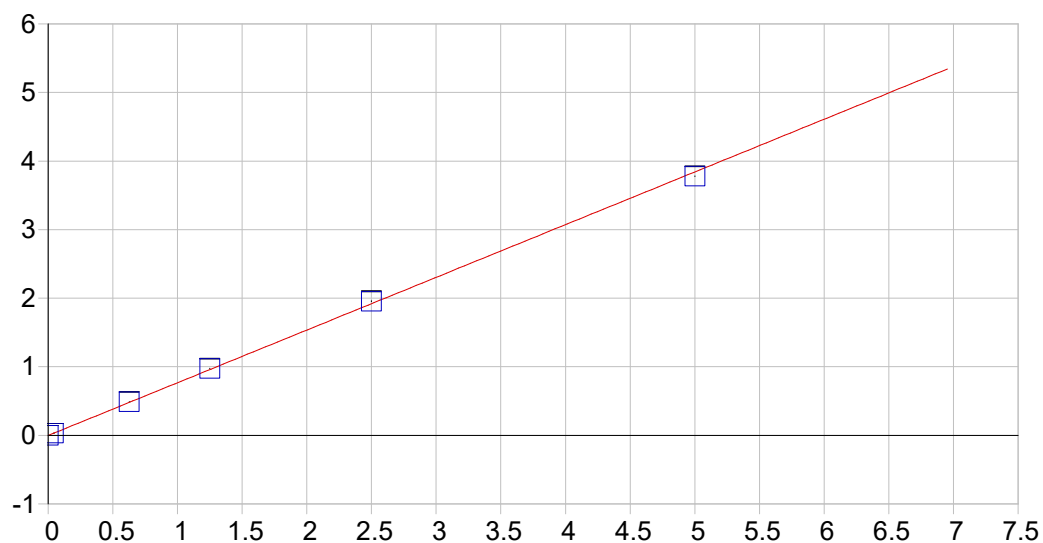


Mg 279.079 {121}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000215 Re-Slope: 1.000000
 A1 (Gain): 0.015538 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000616
 Predicted MDL: 0.022240
 Predicted MQL: 0.074134

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00047	.000	.000	-.00021	.000	1
S1	5.0000	4.6811	-.319	-6.38	.07252	.002	1
S2	62.500	61.634	-.866	-1.39	.95743	.004	1
S3	125.00	123.23	-1.77	-1.42	1.9144	.015	1
S4	250.00	249.73	-.270	-.108	3.8800	.027	1
S5	500.00	494.25	-5.75	-1.15	7.6792	.009	1
S6	800.00	808.98	8.98	1.12	12.569	.022	1

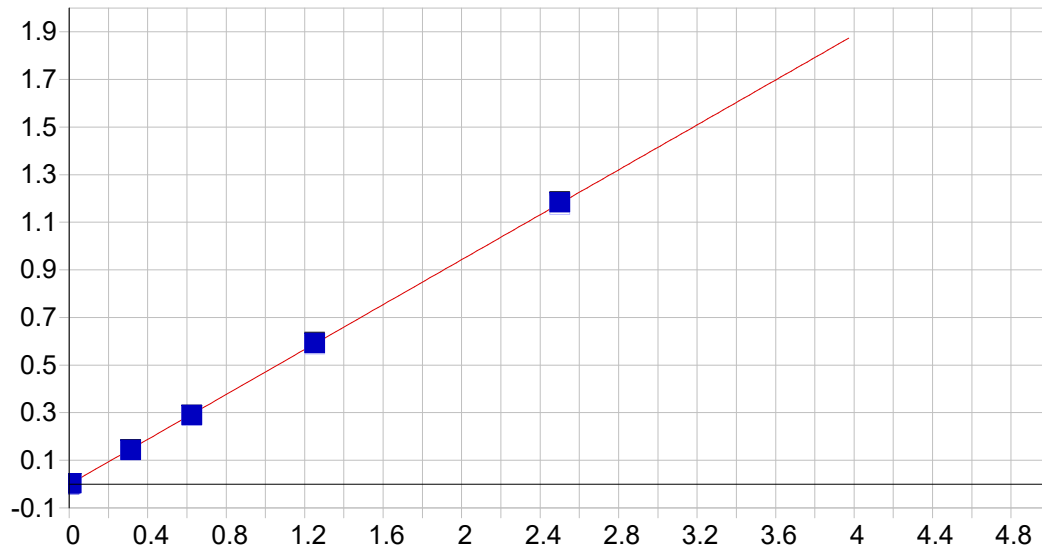


Ni 231.604 {446}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001508	Re-Slope:	1.000000
A1 (Gain):	0.768498	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999856	Status:	OK.
Std Error of Est:	0.000310		
Predicted MDL:	0.000431		
Predicted MQL:	0.001438		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00151	.000	1
S1	.04000	.04093	.001	2.33	.02995	.000	1
S2	.62500	.63779	.013	2.05	.48864	.002	1
S3	1.2500	1.2705	.020	1.64	.97484	.004	1
S4	2.5000	2.5455	.046	1.82	1.9547	.007	1
S5	5.0000	4.9203	-.080	-1.59	3.7797	.004	1

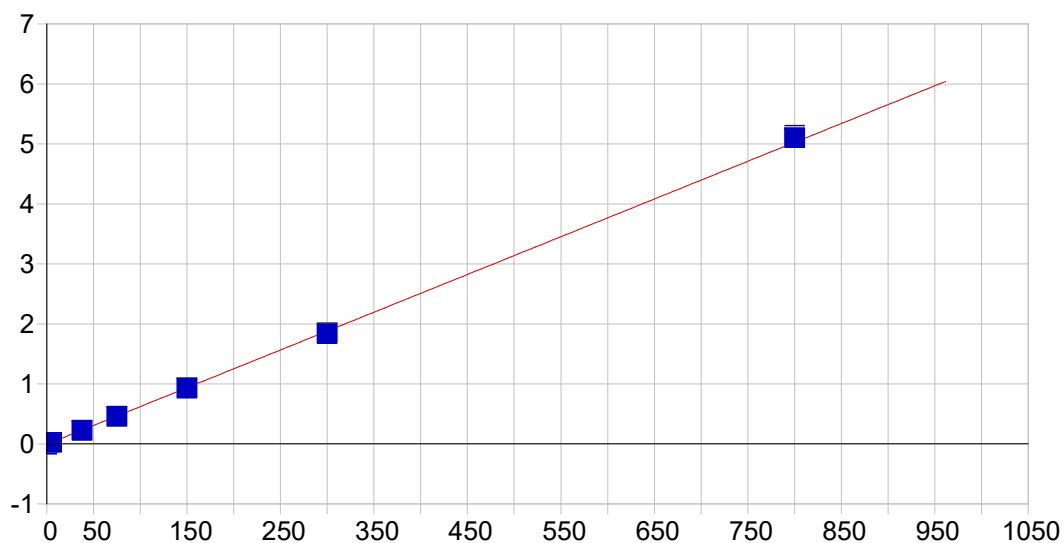


Ag 328.068 {103}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000859 Re-Slope: 1.000000
 A1 (Gain): 0.471856 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.000418
 Predicted MQL: 0.001394

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00086	.000	1
S1	.01000	.00954	-.000	-4.58	.00360	.000	1
S2	.31250	.30620	-.006	-2.01	.14236	.001	1
S3	.62500	.61525	-.010	-1.56	.28693	.000	1
S4	1.2500	1.2567	.007	.534	.58706	.004	1
S5	2.5000	2.5098	.010	.393	1.1733	.003	1

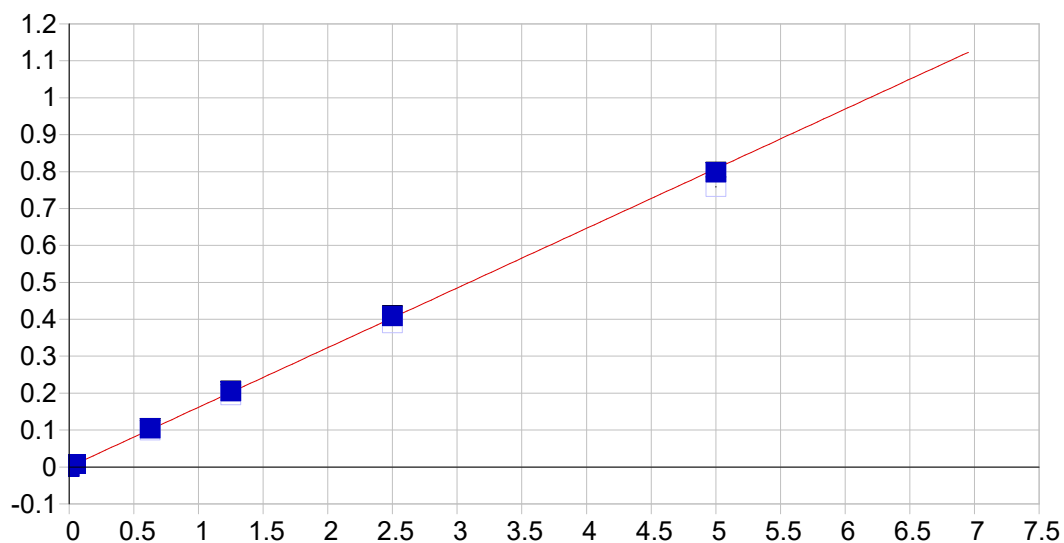


Na 818.326 { 41}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006537 Re-Slope: 1.000000
 A1 (Gain): 0.006290 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000349
 Predicted MDL: 0.269905
 Predicted MQL: 0.899684

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00073	.001	.000	-.00653	.001	1
S1	5.0000	4.6149	-.385	-7.70	.02249	.000	1
S2	37.500	36.530	-.970	-2.59	.22427	.001	1
S3	75.000	73.229	-1.77	-2.36	.45614	.004	1
S4	150.00	148.12	-1.88	-1.25	.92928	.007	1
S5	300.00	293.32	-6.68	-2.23	1.8468	.005	1
S6	800.00	811.68	11.7	1.46	5.1210	.024	1

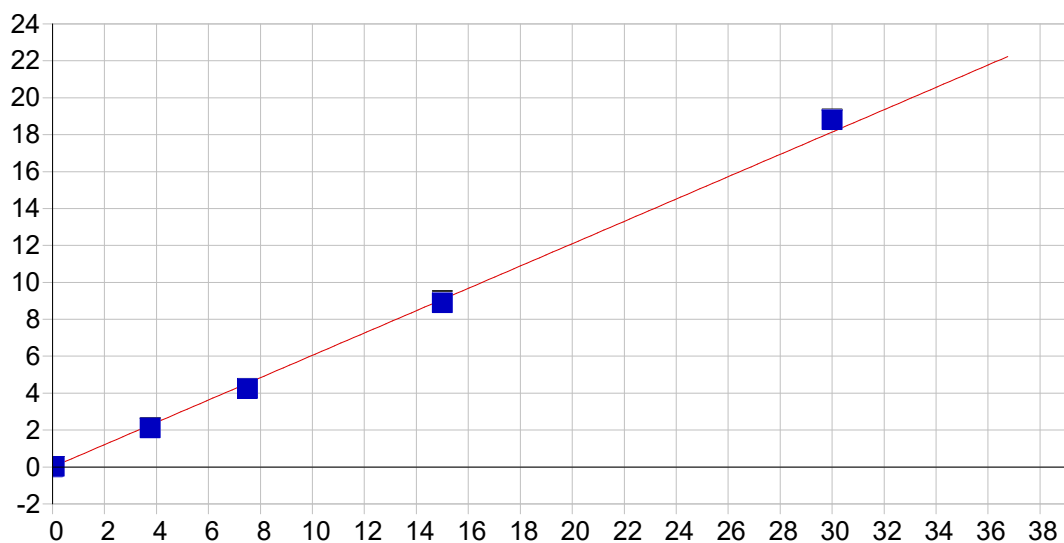


V 292.402 {115}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000226 Re-Slope: 1.000000
 A1 (Gain): 0.161514 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.002531
 Predicted MQL: 0.008437

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00023	.000	1
S1	.05000	.04984	-.000	-.327	.00826	.000	1
S2	.62500	.64339	.018	2.94	.09930	.000	1
S3	1.2500	1.2662	.016	1.30	.19505	.001	1
S4	2.5000	2.5286	.029	1.14	.38927	.002	1
S5	5.0000	4.9370	-.063	-1.26	.75890	.001	1

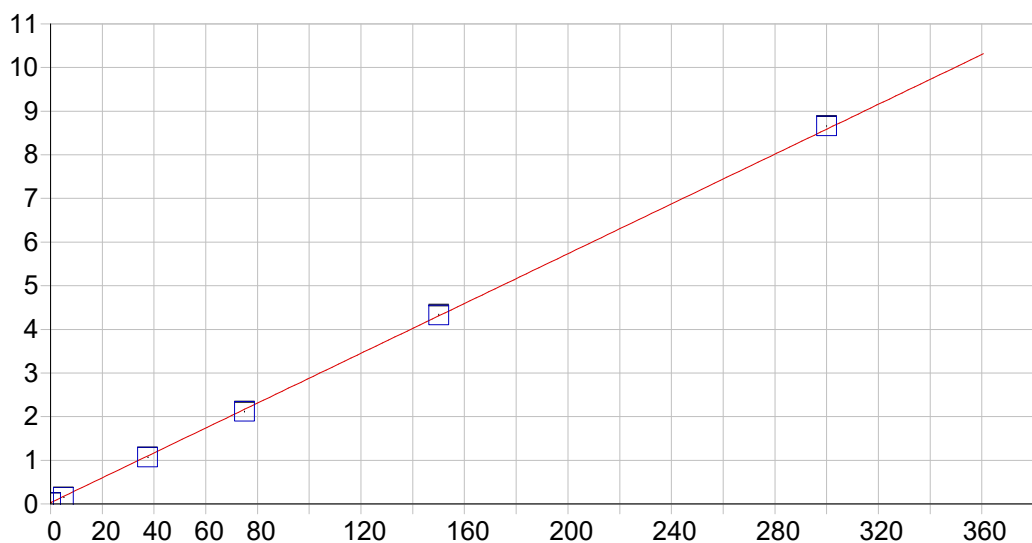


Zn 213.856 {158}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000255	Re-Slope:	1.000000
A1 (Gain):	0.604755	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999146	Status:	OK.
Std Error of Est:	0.001782		
Predicted MDL:	0.001290		
Predicted MQL:	0.004301		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00026	.002	1
S1	.06000	.05521	-.005	-7.98	.03375	.001	1
S2	3.7500	3.4878	-.262	-6.99	2.1132	.015	1
S3	7.5000	7.0030	-.497	-6.63	4.2428	.019	1
S4	15.000	14.689	-.311	-2.07	8.8985	.106	1
S5	30.000	31.075	1.07	3.58	18.823	.022	1

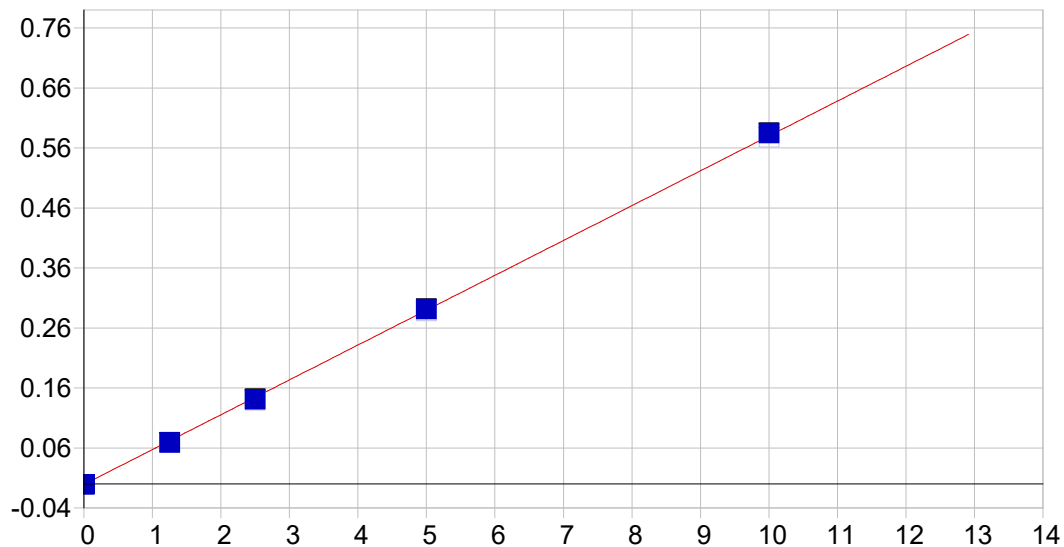


K 769.896 { 44}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.028216 Re-Slope: 1.000000
 A1 (Gain): 0.028527 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861 Status: OK.
 Std Error of Est: 0.000980
 Predicted MDL: 0.062029
 Predicted MQL: 0.206764

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00074	.001	.000	.02824	.002	1
S1	5.0000	4.4537	-.546	-10.9	.15527	.001	1
S2	37.500	36.453	-1.05	-2.79	1.0681	.001	1
S3	75.000	73.226	-1.77	-2.37	2.1172	.012	1
S4	150.00	150.74	.742	.495	4.3285	.019	1
S5	300.00	302.63	2.63	.875	8.6613	.008	1

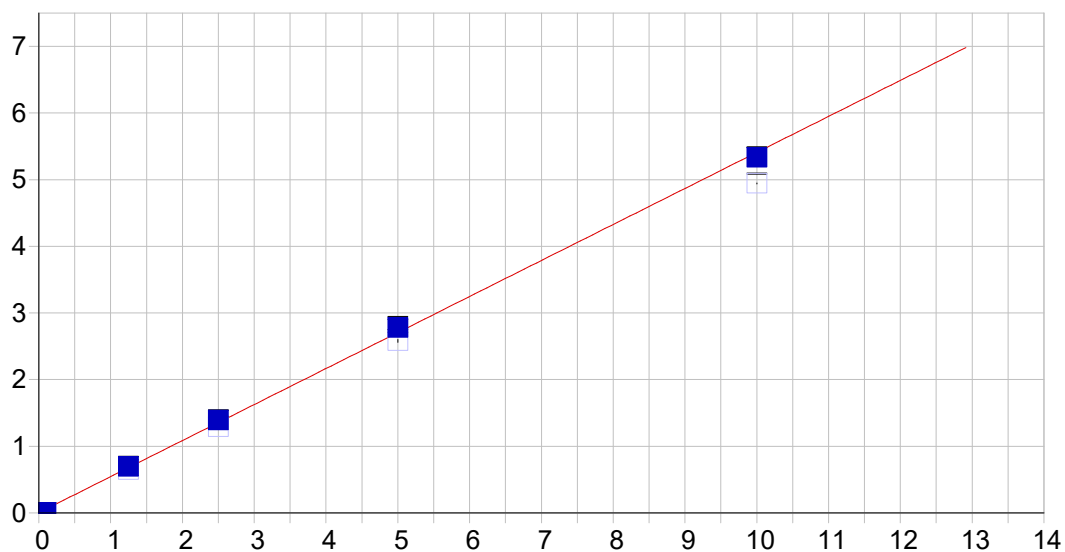


P 177.495 {490}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000860 Re-Slope: 1.000000
 A1 (Gain): 0.058089 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.002377
 Predicted MQL: 0.007923

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00086	.000	1
S1	.01000	.01026	.000	2.57	-.00027	.000	1
S2	1.2500	1.2012	-.049	-3.90	.06810	.000	1
S3	2.5000	2.4413	-.059	-2.35	.13933	.001	1
S4	5.0000	5.0321	.032	.643	.28820	.000	1
S5	10.000	10.075	.075	.750	.57788	.001	1

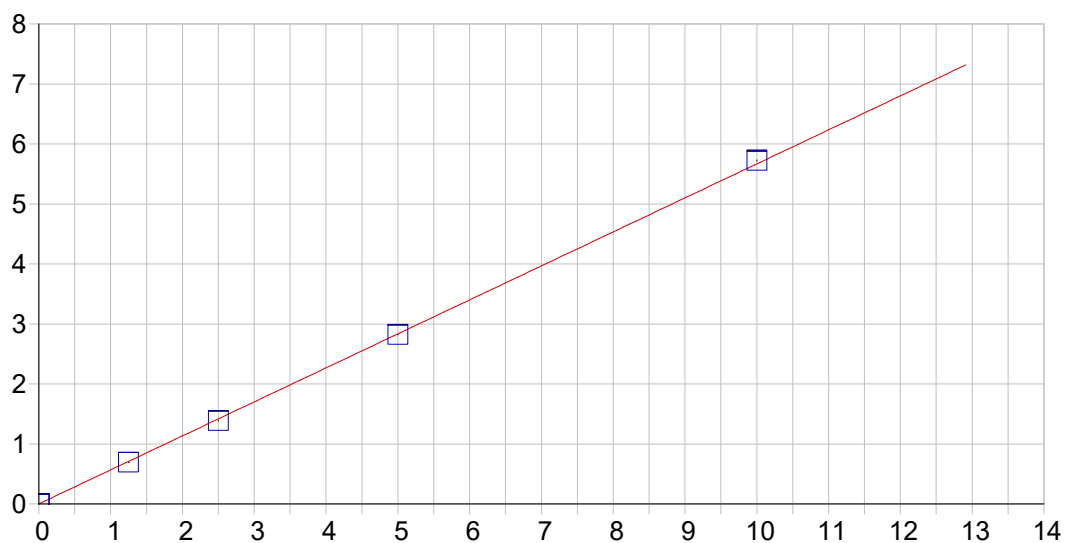


B 249.678 {135}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004357 Re-Slope: 1.000000
 A1 (Gain): 0.540474 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997058 Status: OK.
 Std Error of Est: 0.002048
 Predicted MDL: 0.000876
 Predicted MQL: 0.002921

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00440	.001	1
S1	.10000	.00636	-.094	-93.6	.00768	.000	1
S2	1.2500	1.2844	.034	2.75	.64950	.001	1
S3	2.5000	2.5668	.067	2.67	1.2936	.006	1
S4	5.0000	5.1338	.134	2.68	2.5829	.022	1
S5	10.000	9.8658	-.134	-1.34	4.9443	.007	1

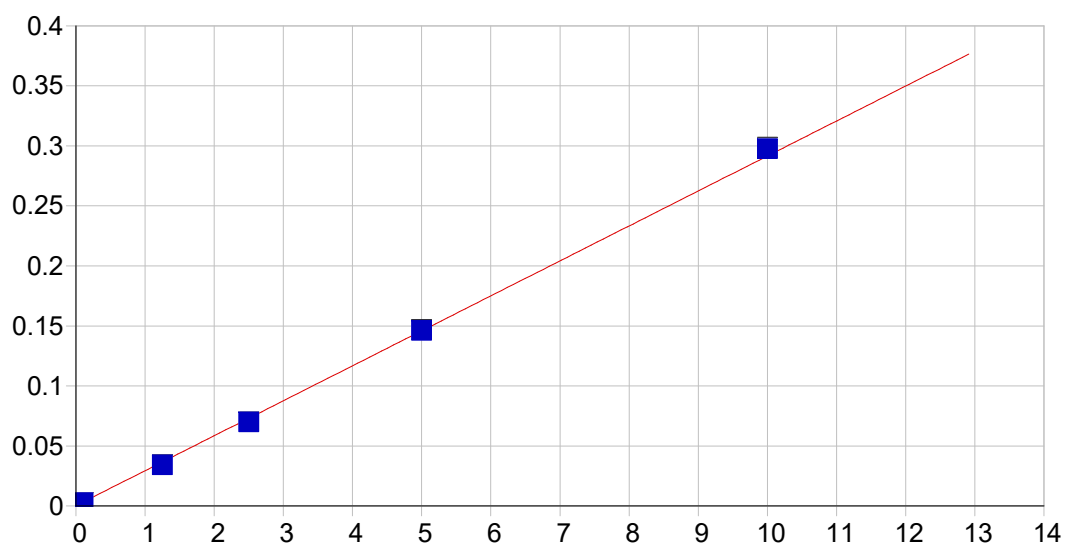


Mo 202.030 {467}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000284 Re-Slope: 1.000000
 A1 (Gain): 0.566675 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.000356
 Predicted MQL: 0.001187

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.01000	.00928	-.001	-7.19	.00554	.000	1
S2	1.2500	1.2228	-.027	-2.17	.69323	.002	1
S3	2.5000	2.4473	-.053	-2.11	1.3871	.006	1
S4	5.0000	4.9802	-.020	-.397	2.8224	.005	1
S5	10.000	10.100	.100	1.00	5.7239	.011	1

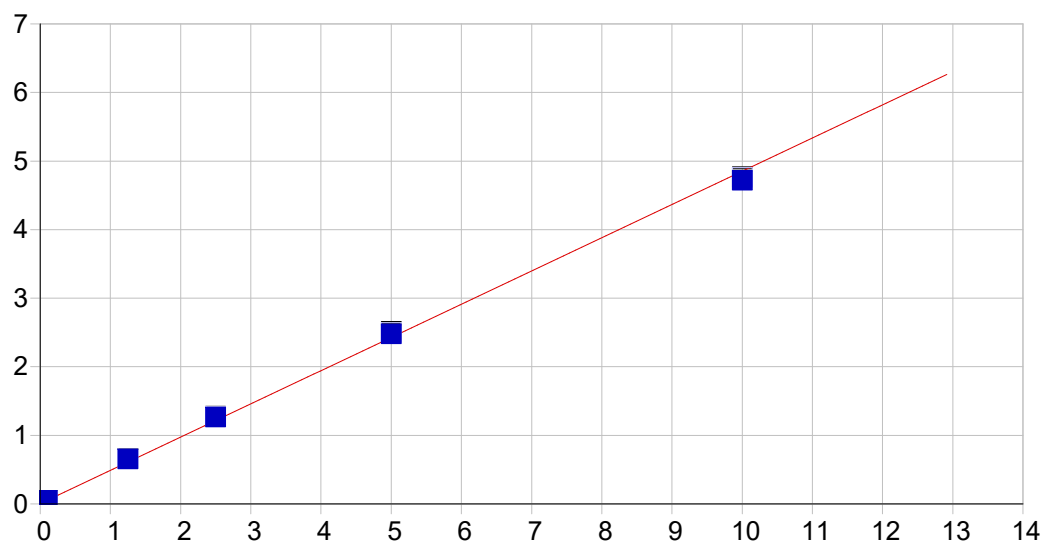


S 182.034 {485}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000197 Re-Slope: 1.000000
 A1 (Gain): 0.029140 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999553 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.004597
 Predicted MQL: 0.015322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00020	.000	1
S1	.10000	.08654	-.013	-13.5	.00272	.000	1
S2	1.2500	1.1622	-.088	-7.03	.03414	.000	1
S3	2.5000	2.3913	-.109	-4.35	.07003	.000	1
S4	5.0000	5.0046	.005	.092	.14634	.001	1
S5	10.000	10.205	.205	2.05	.29820	.001	1

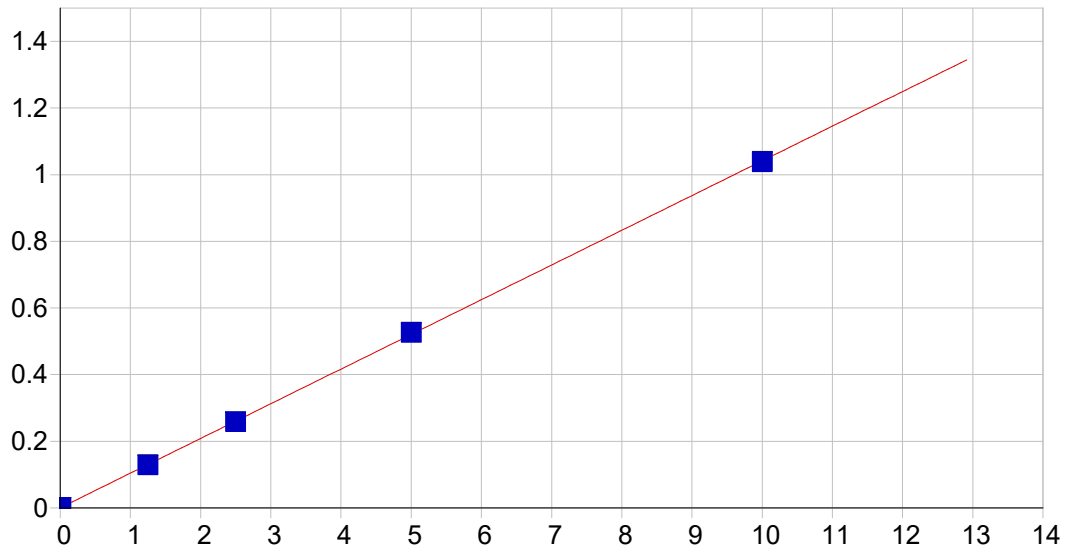


Si 251.611 {134}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.006101	Re-Slope:	1.000000
A1 (Gain):	0.484397	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999490	Status:	OK.
Std Error of Est:	0.000829		
Predicted MDL:	0.000993		
Predicted MQL:	0.003312		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00610	.000	1
S1	.10000	.09360	-.006	-6.40	.05161	.001	1
S2	1.2500	1.3361	.086	6.89	.65866	.001	1
S3	2.5000	2.5943	.094	3.77	1.2735	.006	1
S4	5.0000	5.1017	.102	2.03	2.4988	.015	1
S5	10.000	9.7243	-.276	-2.76	4.7594	.008	1

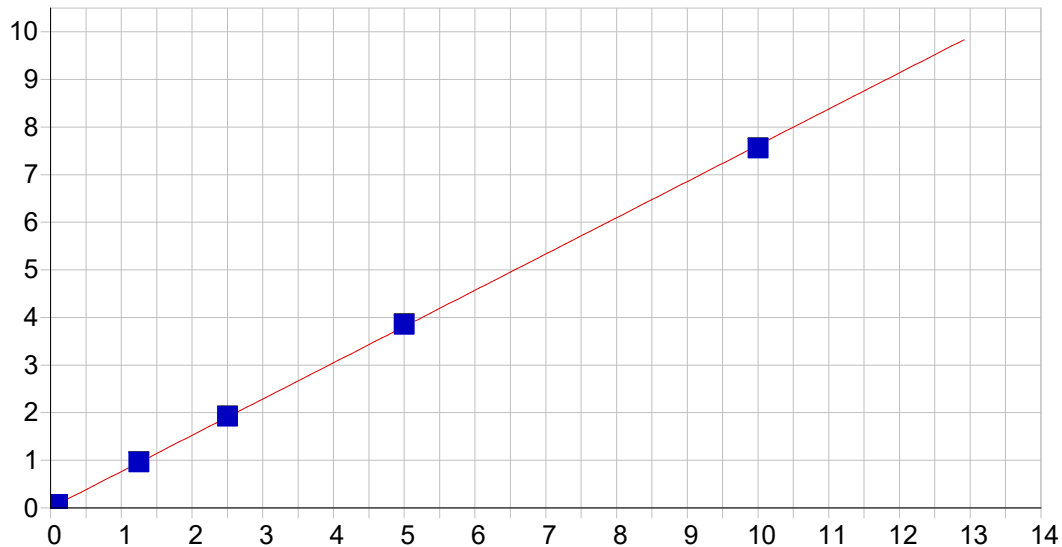


Sn 189.989 {478}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000141 Re-Slope: 1.000000
 A1 (Gain): 0.104120 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.001269
 Predicted MQL: 0.004232

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.00700	.00663	-.000	-5.25	.00081	.000	1
S2	1.2500	1.2344	-.016	-1.25	.12839	.000	1
S3	2.5000	2.4825	-.017	-.699	.25808	.001	1
S4	5.0000	5.0547	.055	1.09	.52536	.001	1
S5	10.000	9.9788	-.021	-.212	1.0370	.001	1

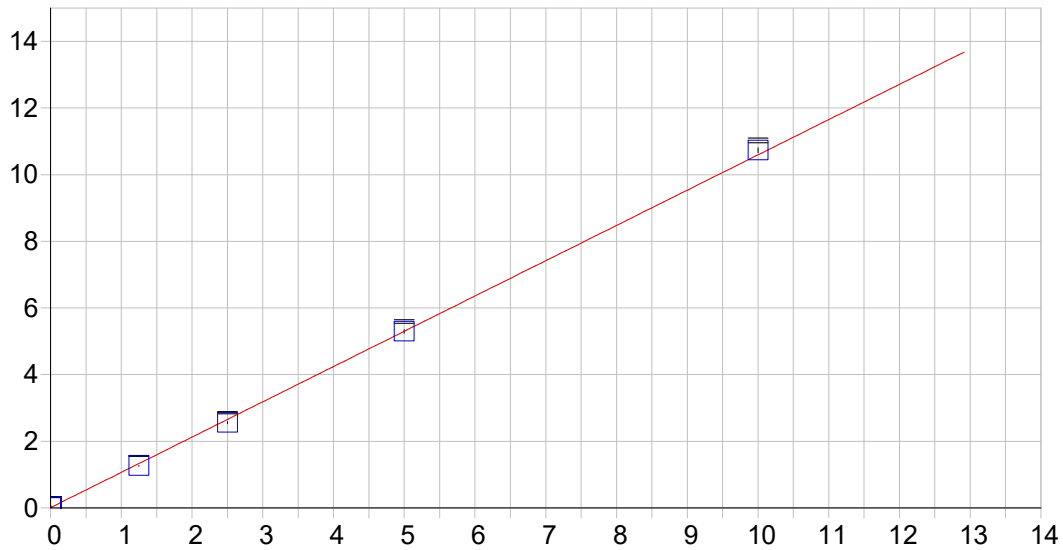


Ti 336.121 {100}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002347	Re-Slope:	1.000000
A1 (Gain):	0.761513	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999943	Status:	OK.
Std Error of Est:	0.000432		
Predicted MDL:	0.000896		
Predicted MQL:	0.002987		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00235	.001	1
S1	.10000	.09195	-.008	-8.05	.07235	.002	1
S2	1.2500	1.2633	.013	1.06	.96401	.003	1
S3	2.5000	2.5195	.020	.782	1.9204	.010	1
S4	5.0000	5.0541	.054	1.08	3.8498	.016	1
S5	10.000	9.9212	-.079	-.788	7.5548	.002	1

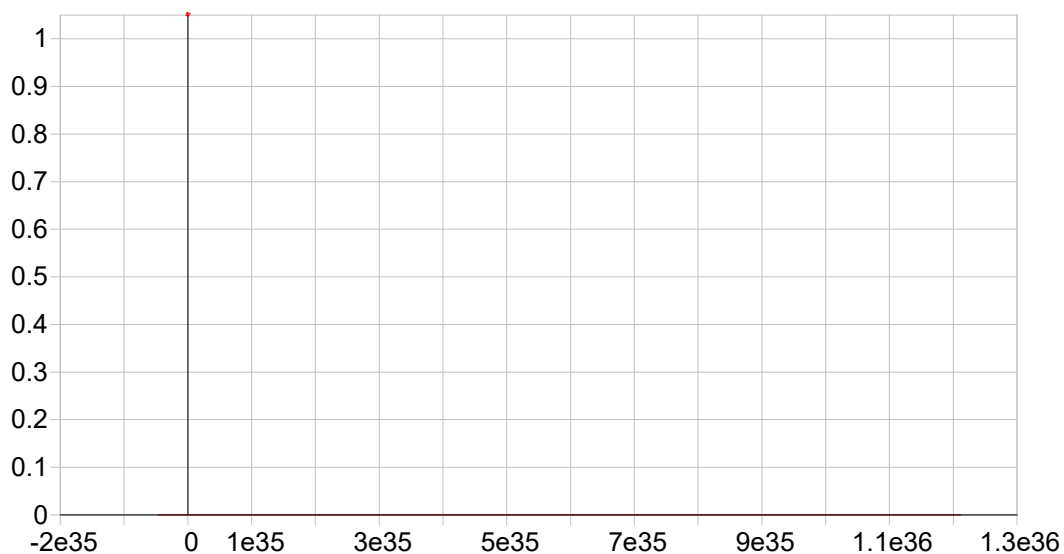


Li 670.784 { 50}

Date of Fit: 10/04/2019 9:49:59 Type of Fit: Linear Weighting: 1/Conc

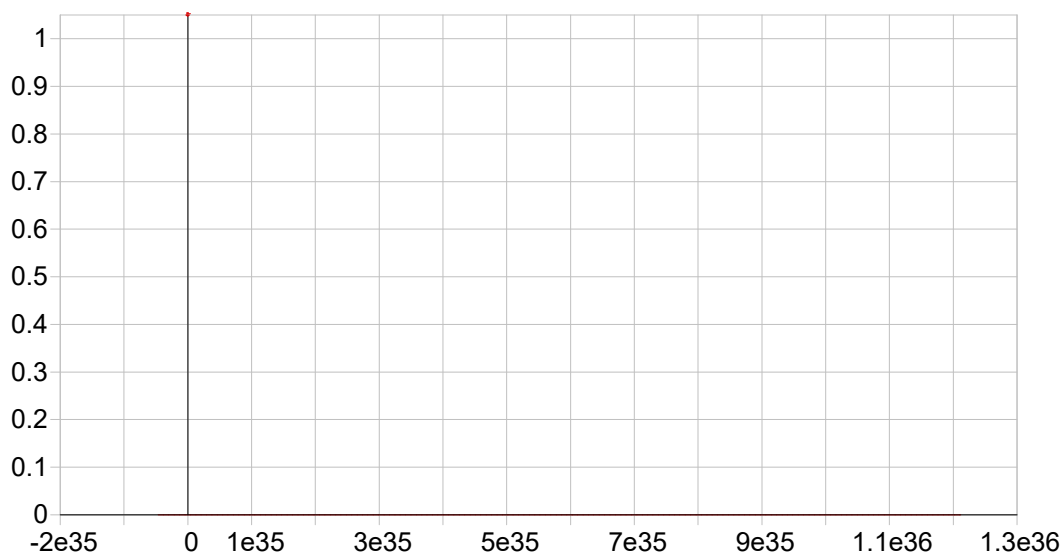
A0 (Offset): 0.008875 Re-Slope: 1.000000
 A1 (Gain): 1.058522 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998524 Status: OK.
 Std Error of Est: 0.001182
 Predicted MDL: 0.001632
 Predicted MQL: 0.005439

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00885	.001	1
S5	10.000	10.133	.133	1.33	10.734	.072	1
S4	5.0000	4.9951	-.005	-.099	5.2963	.053	1
S3	2.5000	2.4105	-.090	-3.58	2.5604	.031	1
S2	1.2500	1.1854	-.065	-5.17	1.2636	.010	1
S1	.01500	.04159	.027	177.	.05290	.001	1



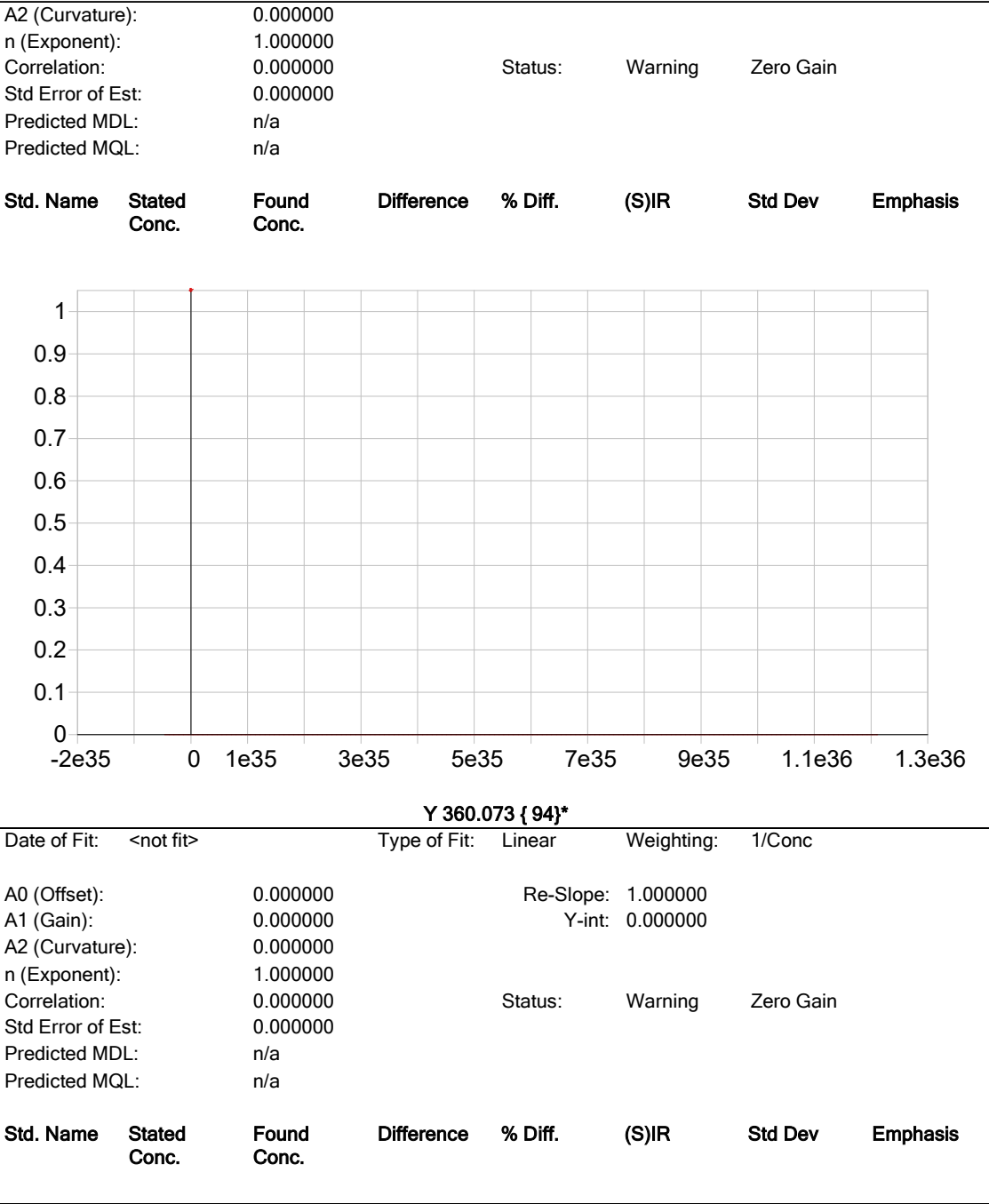
Y 224.306 {150}*

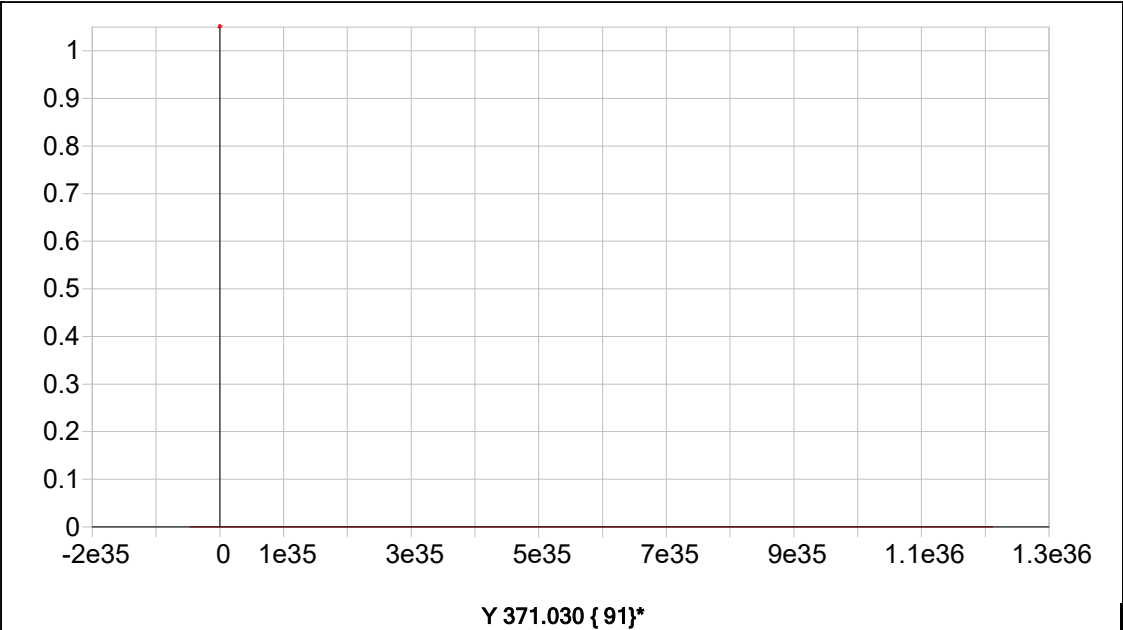
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				



Y 224.306 {450}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	

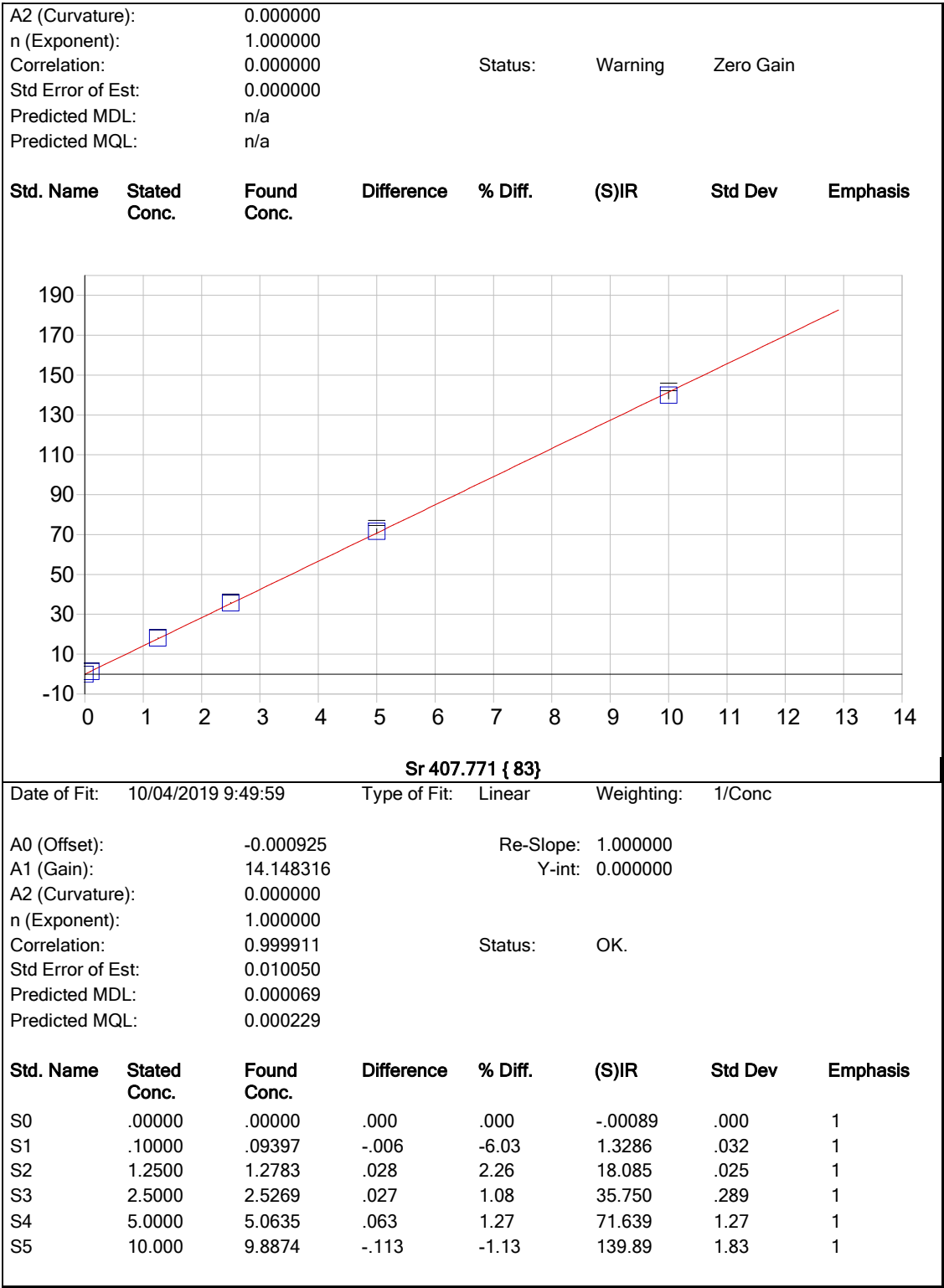




Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a					
Predicted MQL:	n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
In 230.606 {446}*							

Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		



Sample Name: S0 Acquired: 10/04/2019 8:56:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00005	-.00050	.00064	.00022	.00036	.00666	.00464	-.00060
Stddev	.00008	.00009	.00066	.00016	.00026	.00087	.00268	.00015
%RSD	157.19	17.601	103.18	73.396	71.440	13.074	57.667	25.330

#1	-.00000	-.00060	.00011	.00037	.00060	.00640	.00512	-.00077
#2	-.00014	-.00046	.00137	.00025	.00037	.00595	.00705	-.00055
#3	-.00001	-.00044	.00043	.00005	.00009	.00763	.00176	-.00048

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00040	.00052	.00001	.00027	.00312	.00006	.00066	-.00021
Stddev	.00014	.00070	.00006	.00013	.00047	.00035	.00033	.00011
%RSD	34.994	134.01	399.17	47.452	15.202	559.16	50.010	54.631

#1	.00032	.00023	-.00004	.00042	.00360	-.00034	.00068	-.00025
#2	.00056	.00002	.00000	.00019	.00265	.00024	.00032	-.00008
#3	.00031	.00132	.00008	.00021	.00309	.00028	.00097	-.00030

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00151	-.00086	-.00653	.00023	.00026	.02824	-.00086	.00440
Stddev	.00031	.00011	.00083	.00047	.00158	.00223	.00009	.00075
%RSD	20.734	12.678	12.687	209.92	604.79	7.8902	10.667	17.082

#1	-.00139	-.00096	-.00728	-.00024	.00205	.02566	-.00097	.00512
#2	-.00186	-.00074	-.00667	.00071	-.00028	.02950	-.00080	.00448
#3	-.00127	-.00087	-.00564	.00020	-.00098	.02954	-.00081	.00362

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00029	.00020	.00610	.00014	.00235	.00885	-.00089	
Stddev	.00007	.00012	.00009	.00007	.00070	.00111	.00045	
%RSD	23.863	59.731	1.5058	49.309	29.744	12.567	50.525	

#1	.00036	.00021	.00609	.00015	.00254	.00988	-.00140	
#2	.00022	.00007	.00620	.00020	.00294	.00767	-.00071	
#3	.00028	.00031	.00601	.00007	.00158	.00899	-.00056	

Sample Name: S0 Acquired: 10/04/2019 8:56:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1517.9	2733.1	35320.	6867.5	2844.2
Stddev	6.3	1.0	163.	34.0	1.6
%RSD	.41801	.03514	.46023	.49505	.05652
#1	1515.2	2732.7	35232.	6903.4	2843.7
#2	1513.3	2734.2	35220.	6863.4	2845.9
#3	1525.1	2732.4	35507.	6835.7	2842.8

Sample Name: S1 Acquired: 10/04/2019 9:00:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00014	.00120	.00304	.00185	.00912	.02603	.85480	.02387
Stddev	.00007	.00021	.00008	.00006	.00010	.00114	.01915	.00060
%RSD	50.795	17.849	2.5030	3.3021	1.0937	4.3856	2.2399	2.5161

#1	.00006	.00143	.00296	.00182	.00921	.02480	.83533	.02326
#2	.00019	.00116	.00309	.00181	.00914	.02621	.85547	.02446
#3	.00017	.00101	.00309	.00192	.00901	.02706	.87360	.02388

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01594	.43974	.00195	.05219	.00997	.00427	.01608	.07252
Stddev	.00044	.00921	.00009	.00054	.00038	.00016	.00043	.00152
%RSD	2.7369	2.0952	4.5978	1.0358	3.8501	3.7221	2.6590	2.0901

#1	.01580	.42987	.00204	.05181	.00959	.00433	.01559	.07082
#2	.01559	.44123	.00186	.05196	.01036	.00439	.01628	.07301
#3	.01643	.44812	.00196	.05281	.00996	.00409	.01637	.07373

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02995	.00360	.02249	.00826	.03375	.15527	-.00027	.00768
Stddev	.00015	.00016	.00044	.00026	.00110	.00123	.00007	.00024
%RSD	.50384	4.3677	1.9413	3.1081	3.2456	.79295	25.097	3.0737

#1	.02977	.00347	.02208	.00822	.03264	.15386	-.00033	.00771
#2	.03003	.00378	.02295	.00802	.03484	.15580	-.00028	.00790
#3	.03003	.00356	.02244	.00853	.03376	.15614	-.00019	.00743

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00554	.00272	.05161	.00081	.07235	.05290	1.3286	
Stddev	.00006	.00013	.00052	.00007	.00154	.00079	.0325	
%RSD	1.1444	4.6239	.99909	9.1140	2.1247	1.4964	2.4440	

#1	.00558	.00270	.05117	.00078	.07075	.05202	1.2913	
#2	.00558	.00285	.05218	.00089	.07246	.05312	1.3440	
#3	.00547	.00260	.05149	.00076	.07382	.05356	1.3505	

Sample Name: S1 Acquired: 10/04/2019 9:00:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1507.3	2736.4	35263.	6939.0	2863.4
Stddev	3.4	4.5	121.	79.4	.8
%RSD	.22557	.16328	.34429	1.1447	.02919
#1	1510.5	2741.4	35262.	7024.1	2862.8
#2	1507.5	2732.7	35143.	6926.3	2864.4
#3	1503.7	2735.3	35385.	6866.8	2863.1

Sample Name: S2 Acquired: 10/04/2019 9:04:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04977	.09876	1.6521	.05557	.18807	4.0920	11.397	.66329
Stddev	.00014	.00030	.0026	.00010	.00047	.0208	.053	.00092
%RSD	.28007	.30234	.15532	.17141	.24891	.50835	.46429	.13843

#1	.04966	.09846	1.6511	.05555	.18802	4.0731	11.368	.66316
#2	.04973	.09875	1.6502	.05548	.18856	4.1143	11.458	.66426
#3	.04993	.09906	1.6550	.05567	.18763	4.0887	11.365	.66244

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0243	5.7634	.77194	.67841	1.0886	1.6694	4.0212	.95743
Stddev	.0022	.0358	.00047	.00089	.0012	.0047	.0205	.00369
%RSD	.11031	.62046	.06037	.13108	.11244	.28468	.51102	.38499

#1	2.0226	5.7433	.77230	.67839	1.0872	1.6678	4.0076	.95612
#2	2.0235	5.8047	.77141	.67752	1.0894	1.6748	4.0449	.96159
#3	2.0268	5.7422	.77210	.67930	1.0892	1.6657	4.0113	.95458

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.48864	.14236	.22427	.09930	2.1132	1.0681	.06810	.64950
Stddev	.00162	.00054	.00136	.00043	.0146	.0010	.00018	.00111
%RSD	.33069	.38229	.60434	.43376	.69207	.09555	.26381	.17125

#1	.48711	.14290	.22479	.09882	2.0993	1.0682	.06827	.65070
#2	.48847	.14181	.22273	.09945	2.1284	1.0691	.06792	.64850
#3	.49033	.14238	.22529	.09964	2.1119	1.0670	.06812	.64929

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.69323	.03414	.65866	.12839	.96401	1.2636	18.085
Stddev	.00155	.00036	.00142	.00042	.00343	.0105	.025
%RSD	.22344	1.0570	.21624	.32616	.35563	.82920	.13562

#1	.69188	.03440	.65941	.12831	.96028	1.2570	18.067
#2	.69492	.03373	.65954	.12802	.96702	1.2757	18.113
#3	.69289	.03429	.65701	.12885	.96473	1.2581	18.074

Sample Name: S2 Acquired: 10/04/2019 9:04:33 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.6	2591.8	33737.	6578.0	2599.1
Stddev	11.2	1.6	212.	42.6	3.9
%RSD	.79345	.06097	.62946	.64734	.15002
#1	1420.2	2593.6	33643.	6570.9	2599.4
#2	1402.9	2590.7	33587.	6539.5	2602.8
#3	1423.9	2591.1	33980.	6623.7	2595.0

Sample Name: S3 Acquired: 10/04/2019 9:08:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09954	.19563	3.2955	.10827	.37327	8.1983	22.877	1.3073
Stddev	.00022	.00127	.0174	.00048	.00107	.0469	.204	.0041
%RSD	.22426	.65125	.52709	.44572	.28593	.57262	.89254	.31391

#1	.09964	.19438	3.2809	.10786	.37279	8.2321	23.009	1.3105
#2	.09928	.19556	3.2909	.10816	.37253	8.1447	22.642	1.3027
#3	.09970	.19693	3.3147	.10881	.37450	8.2180	22.979	1.3087

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.0119	11.523	1.5097	1.3585	2.1452	3.2875	7.9415	1.9144
Stddev	.0207	.106	.0044	.0085	.0105	.0246	.0752	.0147
%RSD	.51495	.91808	.29313	.62766	.48991	.74977	.94756	.76756

#1	4.0016	11.585	1.5119	1.3511	2.1471	3.2986	7.9872	1.9231
#2	3.9984	11.401	1.5126	1.3566	2.1339	3.2593	7.8547	1.8975
#3	4.0357	11.583	1.5046	1.3678	2.1547	3.3048	7.9827	1.9227

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.97484	.28693	.45614	.19505	4.2428	2.1172	.13933	1.2936
Stddev	.00403	.00033	.00443	.00114	.0190	.0116	.00082	.0062
%RSD	.41344	.11506	.97168	.58424	.44757	.54845	.58598	.47855

#1	.97288	.28721	.45878	.19571	4.2603	2.1217	.13902	1.2964
#2	.97217	.28656	.45103	.19374	4.2454	2.1040	.13871	1.2865
#3	.97948	.28700	.45863	.19571	4.2226	2.1258	.14025	1.2978

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3871	.07003	1.2735	.25808	1.9204	2.5604	35.750
Stddev	.0058	.00041	.0060	.00058	.0101	.0309	.289
%RSD	.42020	.58856	.46792	.22578	.52880	1.2076	.80782

#1	1.3860	.06956	1.2773	.25822	1.9262	2.5756	35.918
#2	1.3819	.07025	1.2666	.25744	1.9086	2.5248	35.417
#3	1.3934	.07030	1.2765	.25858	1.9262	2.5808	35.916

Sample Name: S3 Acquired: 10/04/2019 9:08:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1361.8	2492.5	32973.	6459.5	2470.2
Stddev	7.4	8.9	154.	74.0	10.9
%RSD	.54108	.35840	.46675	1.1458	.44060
#1	1354.3	2495.3	32833.	6417.2	2477.5
#2	1369.0	2499.6	33137.	6545.0	2475.4
#3	1362.2	2482.5	32948.	6416.3	2457.7

Sample Name: S4 Acquired: 10/04/2019 9:12:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.20586	.38877	6.7378	.21628	.76515	16.715	45.814	2.5929
Stddev	.00040	.00026	.0177	.00048	.00154	.077	.770	.0142
%RSD	.19225	.06630	.26316	.22377	.20072	.46132	1.6809	.54777

#1	.20547	.38862	6.7187	.21576	.76457	16.648	45.826	2.5863
#2	.20586	.38863	6.7409	.21672	.76399	16.799	46.578	2.6092
#3	.20626	.38907	6.7538	.21634	.76689	16.698	45.038	2.5833

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.0312	23.166	2.9965	2.7511	4.3024	6.5413	15.855	3.8800
Stddev	.0262	.192	.0115	.0081	.0110	.0411	.119	.0270
%RSD	.32655	.82953	.38314	.29417	.25649	.62906	.74921	.69662

#1	8.0050	23.025	3.0097	2.7435	4.2962	6.5047	15.768	3.8586
#2	8.0310	23.385	2.9892	2.7503	4.3152	6.5858	15.991	3.9104
#3	8.0575	23.087	2.9906	2.7596	4.2959	6.5334	15.807	3.8710

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.9547	.58706	.92928	.38927	8.8985	4.3285	.28820	2.5829
Stddev	.0072	.00430	.00660	.00172	.1062	.0185	.00031	.0215
%RSD	.36911	.73176	.71024	.44098	1.1935	.42774	.10617	.83265

#1	1.9475	.58940	.92582	.38732	8.8514	4.3141	.28806	2.5802
#2	1.9548	.58968	.93690	.39053	8.8240	4.3494	.28798	2.6056
#3	1.9619	.58210	.92514	.38996	9.0201	4.3220	.28855	2.5629

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8224	.14634	2.4988	.52536	3.8498	5.2963	71.639
Stddev	.0045	.00059	.0147	.00097	.0158	.0528	1.266
%RSD	.16038	.40473	.59042	.18533	.40926	.99665	1.7672

#1	2.8204	.14600	2.4970	.52464	3.8361	5.2618	70.920
#2	2.8193	.14600	2.5144	.52498	3.8670	5.3570	73.101
#3	2.8276	.14702	2.4850	.52647	3.8462	5.2700	70.896

Sample Name: S4 Acquired: 10/04/2019 9:12:15 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.7	2354.6	31970.	6367.9	2319.9
Stddev	11.0	3.4	126.	65.8	7.0
%RSD	.86527	.14398	.39307	1.0340	.30145
#1	1277.8	2356.1	32022.	6409.9	2327.4
#2	1269.3	2356.9	31827.	6292.0	2318.8
#3	1256.0	2350.7	32062.	6401.8	2313.5

Sample Name: S5 Acquired: 10/04/2019 9:16:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.42494	.74168	13.263	.43230	1.5673	33.491	90.625	5.0308
Stddev	.00067	.00165	.011	.00088	.0044	.048	.347	.0089
%RSD	.15843	.22240	.08362	.20279	.28360	.14233	.38268	.17765

#1	.42566	.74319	13.257	.43304	1.5680	33.485	90.843	5.0375
#2	.42483	.74192	13.256	.43134	1.5625	33.446	90.225	5.0206
#3	.42433	.73992	13.276	.43254	1.5713	33.541	90.807	5.0343

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	15.526	45.121	5.7099	5.3867	8.4622	12.643	30.672	7.6792
Stddev	.002	.188	.0183	.0049	.0082	.005	.067	.0088
%RSD	.01033	.41649	.32044	.09004	.09677	.03679	.21769	.11435

#1	15.526	45.031	5.7307	5.3811	8.4630	12.638	30.639	7.6780
#2	15.527	44.995	5.7025	5.3888	8.4699	12.643	30.629	7.6711
#3	15.524	45.337	5.6964	5.3901	8.4536	12.647	30.749	7.6885

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.7797	1.1733	1.8468	.75890	18.823	8.6613	.57788	4.9443
Stddev	.0041	.0028	.0050	.00079	.022	.0080	.00056	.0069
%RSD	.10747	.23522	.27135	.10363	.11724	.09278	.09771	.13951

#1	3.7752	1.1758	1.8501	.75823	18.845	8.6691	.57727	4.9496
#2	3.7830	1.1704	1.8410	.75872	18.823	8.6619	.57839	4.9468
#3	3.7810	1.1738	1.8492	.75977	18.800	8.6530	.57797	4.9365

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.7239	.29820	4.7594	1.0370	7.5548	10.734	139.89
Stddev	.0107	.00087	.0076	.0008	.0024	.072	1.83
%RSD	.18699	.29042	.16052	.07737	.03176	.66803	1.3104

#1	5.7284	.29880	4.7655	1.0367	7.5548	10.702	141.33
#2	5.7117	.29859	4.7508	1.0379	7.5525	10.685	140.51
#3	5.7317	.29720	4.7617	1.0363	7.5573	10.817	137.83

Sample Name: S5 Acquired: 10/04/2019 9:16:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1121.9	2145.4	30712.	6215.1	2154.2
Stddev	1.6	1.3	82.	9.1	2.7
%RSD	.14250	.05851	.26670	.14579	.12750
#1	1120.0	2145.4	30638.	6214.0	2155.4
#2	1122.6	2146.7	30800.	6224.7	2151.1
#3	1123.0	2144.2	30700.	6206.7	2156.2

Sample Name: ICV Acquired: 10/04/2019 9:24:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.028602	1.068149	.9893069	1.036694	.9904389	2.459228
Stddev	.009392	.006232	.0047131	.002071	.0043726	.019652
%RSD	.9131132	.5834795	.4764053	.1998168	.4414770	.7991068

#1	1.018458	1.062315	.9859984	1.034315	.9874029	2.477375
#2	1.030349	1.074715	.9872191	1.037666	.9954506	2.438356
#3	1.036998	1.067418	.9947033	1.038101	.9884631	2.461954

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5257617	.5083055	.5011028	10.92378	.5365583	.4985618
Stddev	.0048254	.0022981	.0005179	.11615	.0016278	.0007740
%RSD	.9177988	.4521094	.1033578	1.063257	.3033757	.1552480

#1	.5290445	.5099478	.5005897	11.00309	.5346969	.4978342
#2	.5202213	.5056793	.5010933	10.79046	.5372626	.4984762
#3	.5280193	.5092896	.5016255	10.97778	.5377153	.4993751

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4827580	5.540991	.5269597	6.279249	.5149975	.5076368
Stddev	.0021202	.015930	.0049451	.042647	.0003042	.0046789
%RSD	.4391845	.2875017	.9384271	.6791779	.0590663	.9217043

#1	.4849838	5.541740	.5301932	6.313167	.5148438	.5022939
#2	.4825282	5.524700	.5212670	6.231371	.5148009	.5096138
#3	.4807621	5.556534	.5294187	6.293208	.5153479	.5110027

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.718458	.5314804	.9467544	9.586808	F .0047798	F .0671775
Stddev	.303179	.0095269	.0016817	.103952	.0011811	.0006572
%RSD	3.119618	1.792521	.1776243	1.084319	24.71003	.9783095

#1	10.06201	.5356530	.9461966	9.550098	.0039749	.0675966
#2	9.48841	.5205791	.9454225	9.506193	.0042288	.0675158
#3	9.60495	.5382090	.9486441	9.704134	.0061357	.0664200

Sample Name: ICV Acquired: 10/04/2019 9:24:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0572575	F .0098198	F .0645711	F .0550069	F .0613036	F .0095947
Stddev	.0002833	.0026632	.0005451	.0011402	.0008636	.0033120
%RSD	.4947256	27.12125	.8442270	2.072760	1.408733	34.51883

#1	.0573428	.0116597	.0639420	.0546785	.0617888	.0131516
#2	.0574882	.0110338	.0649032	.0540670	.0603065	.0090331
#3	.0569413	.0067658	.0648682	.0562752	.0618155	.0065995

Elem	Sr4077
Units	ppm
Avg	F .0117122
Stddev	.0000503
%RSD	.4296743

#1	.0117576
#2	.0116581
#3	.0117211

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.507	2691.905	34169.67	6489.701	2796.375
Stddev	7.324	7.678	128.05	32.532	1.623
%RSD	.5004598	.2852279	.3747562	.5012802	.0580308

#1	1455.211	2698.074	34314.90	6463.988	2798.083
#2	1466.234	2683.306	34121.12	6526.273	2794.854
#3	1469.078	2694.336	34073.00	6478.841	2796.187

Sample Name: S6 Acquired: 10/04/2019 9:20:23 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	87.426	71.900	33.779	12.569	5.1210
Stddev	.582	.444	.044	.022	.0236
%RSD	.66597	.61719	.12966	.17601	.45995

#1	86.785	72.350	33.742	12.546	5.0959
#2	87.571	71.886	33.827	12.590	5.1427
#3	87.922	71.463	33.767	12.572	5.1245

Int. Std.	Y_3710
Units	Cts/S
Avg	6089.5
Stddev	19.5
%RSD	.31981

#1	6099.2
#2	6067.1
#3	6102.3

Sample Name: ICB Acquired: 10/04/2019 9:28:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003150	.0005516	.0004384	.0025704	-.000038	-.003073	.0004330
Stddev	.003446	.0010868	.0020078	.0041624	.001954	.012589	.0002033
%RSD	109.3965	197.0382	457.9857	161.9359	5183.142	409.6908	46.95332

#1	.000157	.0010420	-.000870	.0070479	.002216	-.010789	.0005305
#2	-.006720	.0013068	.002750	.0018447	-.001068	-.009883	.0001993
#3	-.002886	-.000694	-.000565	-.001181	-.001260	.011454	.0005693

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000038	.0000139	.0041516	-.000091	.0003220	.0005325	-.000196
Stddev	.000065	.0000705	.0087943	.000246	.0002400	.0021550	.008870
%RSD	169.9644	505.7381	211.8254	271.0151	74.52578	404.6918	4525.024

#1	-.000112	-.000035	.0045725	.000122	.0005105	.0023376	.008017
#2	-.000013	-.000018	-.004845	-.000034	.0004037	.0011132	.000998
#3	.000010	.000095	.012728	-.000361	.0000519	-.001853	-.009602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000394	.0214891	-.000387	.0000084	-.452399	.0027532	-.000113
Stddev	.0005347	.0051834	.000235	.0004664	.036865	.0012274	.000590
%RSD	1356.705	24.12114	60.71894	5553.515	8.148789	44.57959	522.2059

#1	.0003700	.0274568	-.000501	.0005456	-.422982	.0014538	.000001
#2	.0003257	.0181085	-.000117	-.000294	-.440463	.0038928	.000411
#3	-.000577	.0189020	-.000543	-.000227	-.493754	.0029131	-.000752

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.060740	.0014740	-.000218	-.000212	-.002073	-.001968	-.000271
Stddev	.039739	.0006975	.000964	.000235	.000728	.000496	.000484
%RSD	65.42580	47.31627	441.4545	110.7441	35.10788	25.17511	178.7914

#1	-.084249	.0021260	-.000932	-.000257	-.002497	-.001402	-.000658
#2	-.083112	.0015576	-.000601	-.000422	-.001233	-.002321	-.000428
#3	-.014857	.0007386	.000879	.000042	-.002489	-.002183	.000272

Sample Name: ICB Acquired: 10/04/2019 9:28:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013813	.0043382	-.000036
Stddev	.0007598	.0018504	.000035
%RSD	55.00177	42.65330	97.31695

#1	.0022492	.0063956	-.000003
#2	.0008361	.0038085	-.000072
#3	.0010588	.0028104	-.000033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1478.324	2690.727	34274.99	6454.327	2797.895
Stddev	9.493	11.367	166.03	35.879	13.475
%RSD	.6421457	.4224575	.4844085	.5558872	.4815943

#1	1467.405	2694.066	34113.65	6423.768	2806.478
#2	1484.620	2700.051	34445.34	6493.833	2804.843
#3	1482.945	2678.064	34265.98	6445.382	2782.365

Sample Name: ICSA Acquired: 10/04/2019 9:32:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005873	-.000180	-.001142	-.008849	-.000103	235.0187
Stddev	.004956	.002389	.002838	.005572	.001581	.8292
%RSD	84.38101	1326.247	248.6302	62.96255	1536.266	.3528220

#1	-.002328	.000194	.000932	-.007795	-.001924	234.2868
#2	-.003755	-.002734	-.004376	-.003880	.000923	234.8499
#3	-.011536	.002000	.000020	-.014872	.000692	235.9193

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061736	.0013016	.0011963	254.8558	.0536280	.0005781
Stddev	.0004256	.0001158	.0000761	1.5318	.0001386	.0003161
%RSD	6.893059	8.894105	6.364642	.6010297	.2584760	54.67906

#1	.0066105	.0011847	.0012662	254.0392	.0536999	.0002147
#2	.0061500	.0014162	.0012075	253.9053	.0534682	.0007897
#3	.0057604	.0013038	.0011151	256.6228	.0537159	.0007299

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022678	100.6795	.0150806	255.4367	.0017243	-.000950
Stddev	.0012624	.5291	.0003311	1.2653	.0003064	.000406
%RSD	55.66832	.5254858	2.195444	.4953341	17.77150	42.72288

#1	.0028027	100.3659	.0150698	254.6307	.0017640	-.000494
#2	.0008259	100.3823	.0154169	254.7844	.0020091	-.001083
#3	.0031746	101.2903	.0147550	256.8950	.0014000	-.001272

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.784302	.0014926	.0018722	-.158483	.0078414	-.005825
Stddev	.168728	.0017449	.0021460	.049188	.0017779	.001361
%RSD	21.51313	116.9050	114.6251	31.03696	22.67272	23.36743

#1	-.744106	.0007383	.0030047	-.201050	.0070210	-.006743
#2	-.639302	.0034878	.0032146	-.169765	.0066219	-.004261
#3	-.969498	.0002517	-.000603	-.104634	.0098813	-.006470

Sample Name: ICSA Acquired: 10/04/2019 9:32:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003644	F -.000331	F -.002501	-.002529	F -.000612	W .0054411
Stddev	.0002671	.003700	.001741	.000980	.001075	.0015124
%RSD	73.28954	1116.429	69.60793	38.75123	175.7569	27.79540

#1	.0001167	.003355	-.004351	-.003500	-.000191	.0071612
#2	.0003291	-.004044	-.002257	-.002546	-.001834	.0043200
#3	.0006473	-.000305	-.000895	-.001541	.000190	.0048421

Elem	Sr4077
Units	ppm
Avg	F .0973460
Stddev	.0002859
%RSD	.2936554

#1	.0972277
#2	.0971383
#3	.0976720

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1370.586	2512.810	31927.53	6273.966	2429.992
Stddev	4.327	5.807	333.87	37.564	6.157
%RSD	.3156684	.2310929	1.045705	.5987331	.2533607

#1	1365.753	2519.512	31555.46	6244.806	2435.559
#2	1371.908	2509.272	32200.97	6316.355	2431.036
#3	1374.097	2509.647	32026.18	6260.736	2423.380

Sample Name: CCV087 Acquired: 10/04/2019 9:40:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.810226	4.768567	24.41151	4.676781	4.714724	401.9732	10.09175
Stddev	.023107	.012558	.04601	.009074	.008558	5.1330	.13447
%RSD	.4803826	.2633543	.1884577	.1940182	.1815189	1.276939	1.332476

#1	4.800733	4.757862	24.36128	4.670928	4.710484	396.0521	9.98549
#2	4.793377	4.765448	24.42163	4.672182	4.709115	404.7037	10.04684
#3	4.836568	4.782391	24.45161	4.687234	4.724575	405.1637	10.24293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5014036	2.415058	417.5478	14.95239	2.466786	14.68048	413.5565
Stddev	.0026157	.003674	1.6522	.01348	.003827	.02040	1.1598
%RSD	.5216675	.1521194	.3956944	.0901420	.1551519	.1389919	.2804501

#1	.4991867	2.410915	415.6572	14.93799	2.462558	14.68856	412.5568
#2	.5042885	2.416341	418.2720	14.95449	2.470015	14.69560	413.2846
#3	.5007357	2.417918	418.7144	14.96470	2.467785	14.65727	414.8281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13323	406.8892	2.420363	1.283281	404.3961	2.499364	14.43704
Stddev	.06223	1.3871	.004796	.003909	.9561	.005029	.16340
%RSD	.4112322	.3408988	.1981360	.3046182	.2364311	.2012101	1.131819

#1	15.09987	405.5468	2.415590	1.284170	403.2957	2.495778	14.53059
#2	15.09479	406.8039	2.420319	1.279004	405.0237	2.505113	14.24836
#3	15.20503	408.3170	2.425181	1.286669	404.8688	2.497203	14.53216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.3218	4.884987	5.011517	4.739707	4.957948	4.891104	4.907800
Stddev	.3489	.025035	.023092	.007969	.020620	.022662	.005692
%RSD	.2336671	.5124966	.4607770	.1681254	.4158919	.4633299	.1159805

#1	148.9371	4.878770	4.989643	4.733818	4.937862	4.868808	4.906039
#2	149.6179	4.863646	5.035659	4.736529	4.956918	4.914115	4.903198
#3	149.4104	4.912546	5.009250	4.748775	4.979063	4.890389	4.914165

Sample Name: CCV087 Acquired: 10/04/2019 9:40:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV087 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.996444	5.275886	4.989783
Stddev	.005074	.026734	.052355
%RSD	.1015503	.5067299	1.049240

#1	4.995485	5.246376	4.932175
#2	5.001930	5.282794	5.002708
#3	4.991919	5.298489	5.034464

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1202.471	2277.314	30202.42	6060.838	2191.807
Stddev	9.903	4.170	175.83	24.686	3.381
%RSD	.8235347	.1830932	.5821801	.4072990	.1542547

#1	1198.210	2279.586	30242.67	6088.225	2194.671
#2	1213.791	2279.855	30354.64	6053.991	2192.673
#3	1195.412	2272.502	30009.96	6040.299	2188.077

Sample Name: ICSAB Acquired: 10/04/2019 9:36:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1047592	.1068900	.0493575	.0389460	.5650737	236.3105
Stddev	.0046251	.0020664	.0015812	.0033021	.0033280	.6113
%RSD	4.414979	1.933202	3.203566	8.478610	.5889448	.2587023

#1	.1041756	.1089164	.0500953	.0419521	.5689051	236.6199
#2	.1096484	.1047858	.0504349	.0354116	.5634148	236.7053
#3	.1004536	.1069679	.0475422	.0394741	.5629013	235.6063

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5231925	.4911151	.9825487	256.1943	.5670671	.4941045
Stddev	.0005590	.0013111	.0016354	1.0066	.0006713	.0001009
%RSD	.1068494	.2669552	.1664422	.3928983	.1183758	.0204098

#1	.5232206	.4926161	.9823523	256.1238	.5677288	.4939886
#2	.5237369	.4901942	.9810205	257.2343	.5663866	.4941528
#3	.5226200	.4905349	.9842735	255.2248	.5670860	.4941722

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4564827	101.0479	.5153079	256.9640	.9820500	.2058648
Stddev	.0027653	.2992	.0017924	.7815	.0028392	.0015355
%RSD	.6057770	.2961261	.3478413	.3041169	.2891081	.7458765

#1	.4591606	101.0336	.5156851	256.8411	.9844219	.2076091
#2	.4536376	101.3541	.5168818	257.7997	.9789041	.2047172
#3	.4566498	100.7562	.5133569	256.2513	.9828240	.2052681

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.467909	.5139314	.9266827	-.132528	F .1256213	F 1.346333
Stddev	.188460	.0039886	.0030817	.049621	.0076675	.017843
%RSD	40.27713	.7760867	.3325491	37.44205	6.103659	1.325285

#1	-.403210	.5152421	.9231246	-.083060	.1327813	1.365201
#2	-.320320	.5170997	.9284206	-.132222	.1265514	1.344065
#3	-.680197	.5094524	.9285029	-.182301	.1175312	1.329732

Sample Name: ICSAB Acquired: 10/04/2019 9:36:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.193969	F .1095273	F 1.280467	F 1.238516	F 1.357637	F .1565390
Stddev	.022648	.0086767	.016354	.019734	.010739	.0053835
%RSD	1.896892	7.921938	1.277169	1.593373	.7910120	3.439103
#1	1.218007	.1184070	1.299214	1.259320	1.369318	.1612778
#2	1.190870	.1010690	1.273055	1.236165	1.355400	.1576539
#3	1.173030	.1091058	1.269131	1.220062	1.348192	.1506853

Elem	Sr4077
Units	ppm
Avg	F .2973296
Stddev	.0061477
%RSD	2.067633
#1	.3030953
#2	.2980329
#3	.2908605

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1361.370	2505.757	31852.74	6339.738	2422.242
Stddev	13.815	4.551	103.34	29.498	7.306
%RSD	1.014809	.1816118	.3244189	.4652915	.3016308
#1	1366.727	2502.310	31856.48	6340.442	2421.500
#2	1345.679	2510.915	31747.59	6309.894	2429.890
#3	1371.705	2504.045	31954.17	6368.877	2415.334

Sample Name: CCB087 Acquired: 10/04/2019 9:45:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001696	.0015215	.0003672	.0013511	-.001036	.0165526	.0000233
Stddev	.007101	.0007435	.0009580	.0019933	.000747	.0186406	.0005889
%RSD	418.6025	48.86890	260.9154	147.5292	72.11564	112.6142	2531.909

#1	.005424	.0023561	.0009492	-.000824	-.001886	.0373112	-.000435
#2	-.008778	.0012787	-.000739	.001788	-.000488	.0012455	.000687
#3	-.001736	.0009297	.000891	.003090	-.000733	.0111012	-.000182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000080	-.000010	.0175475	-.000171	.0001324	.0030762	.0241377
Stddev	.000092	.000034	.0022339	.000375	.0003919	.0005534	.0021431
%RSD	115.3041	342.8865	12.73074	219.0310	296.0521	17.99000	8.878430

#1	.000023	.000028	.0151346	-.000293	.0001946	.0036998	.0265380
#2	-.000155	-.000038	.0179640	.000249	-.000287	.0026438	.0234588
#3	-.000108	-.000021	.0195438	-.000471	.000489	.0028849	.0224164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005229	.0232164	.0002557	.0000724	-.378973	.0024093	.0013855
Stddev	.0002996	.0284002	.0002271	.0002193	.205369	.0035014	.0008614
%RSD	57.29209	122.3281	88.82450	303.0949	54.19107	145.3326	62.17500

#1	.0008685	.0023171	.0005128	-.000172	-.267441	-.000643	.0018020
#2	.0003378	.0117803	.0001719	.000136	-.615976	.001640	.0003950
#3	.0003624	.0555518	.0000824	.000253	-.253501	.006231	.0019595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162324	.0001308	.0064511	.0004531	.0031638	-.001801	.0007229
Stddev	.0129932	.0010850	.0007804	.0004746	.0014398	.000841	.0009901
%RSD	80.04463	829.8676	12.09687	104.7473	45.50961	46.70410	136.9667

#1	.0215036	.0008833	.0072672	.0009121	.0026198	-.000947	.0003047
#2	.0257616	-.001113	.0057121	-.000036	.0047963	-.002628	.0018535
#3	.0014320	.000622	.0063742	.000483	.0020752	-.001826	.0000105

Sample Name: CCB087 Acquired: 10/04/2019 9:45:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB087 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0024066	.0069619	.0001246
Stddev	.0010901	.0025677	.0000495
%RSD	45.29757	36.88195	39.69442

#1	.0029764	.0057984	.0001817
#2	.0030938	.0099054	.0000975
#3	.0011497	.0051820	.0000946

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1452.735	2698.536	33771.92	6374.697	2800.034
Stddev	5.851	6.361	131.51	60.306	8.566
%RSD	.4027768	.2357070	.3894019	.9460246	.3059367

#1	1446.859	2694.529	33661.39	6305.300	2792.848
#2	1458.561	2695.209	33917.36	6414.391	2797.740
#3	1452.784	2705.870	33737.01	6404.398	2809.513

Sample Name: PB123614BS Acquired: 10/04/2019 9:55:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS614 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155040	.0485720	.0190214	.0697074	.1127371	.3709301
Stddev	.0037704	.0015668	.0011856	.0038547	.0029430	.0030146
%RSD	24.31855	3.225691	6.233265	5.529880	2.610533	.8127116

#1	.0196116	.0480241	.0180079	.0692971	.1153916	.3732959
#2	.0146998	.0503392	.0187310	.0660742	.1095723	.3675359
#3	.0122006	.0473528	.0203253	.0737509	.1132473	.3719585

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3933605	.0096772	.0093578	10.21852	.0203451	.0920903
Stddev	.0020090	.0000431	.0000378	.07472	.0002481	.0002070
%RSD	.5107365	.4450050	.4039157	.7311819	1.219443	.2248383

#1	.3910421	.0097208	.0093147	10.14352	.0202013	.0918928
#2	.3945910	.0096761	.0093734	10.21909	.0206316	.0920722
#3	.3944485	.0096347	.0093852	10.29295	.0202025	.0923058

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433874	.2115268	.0317412	9.764587	.0762499	.0204050
Stddev	.0006777	.0044696	.0005483	.050232	.0001624	.0001968
%RSD	1.561954	2.112998	1.727490	.5144346	.2129287	.9646773

#1	.0427938	.2063891	.0314914	9.706691	.0762534	.0206201
#2	.0441258	.2136722	.0323699	9.796593	.0764104	.0202339
#3	.0432426	.2145193	.0313622	9.790477	.0760857	.0203611

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.226121	.1005556	.1063393	8.835413	.0163835	F .0169556
Stddev	.289178	.0009021	.0013119	.034190	.0005867	.0005985
%RSD	3.134343	.8971257	1.233678	.3869624	3.581252	3.530043

#1	9.536139	.0996967	.1050718	8.854030	.0170121	.0176111
#2	8.963685	.1004748	.1076914	8.856253	.0162882	.0164382
#3	9.178540	.1014954	.1062547	8.795955	.0158503	.0168174

Sample Name: PB123614BS Acquired: 10/04/2019 9:55:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS614 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183086	.1639702	.1944479	.0112939	.1869032	F .0924677
Stddev	.0001853	.0028574	.0012196	.0001284	.0008181	.0017789
%RSD	1.012255	1.742634	.6271981	1.137253	.4377364	1.923807
#1	.0181655	.1613276	.1958461	.0112803	.1859809	.0925743
#2	.0182423	.1635806	.1938946	.0114286	.1875414	.0906379
#3	.0185180	.1670025	.1936031	.0111728	.1871874	.0941909

Elem	Sr4077
Units	ppm
Avg	.1872373
Stddev	.0002990
%RSD	.1596785
#1	.1875661
#2	.1871639
#3	.1869819

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.689	2702.567	33925.91	6398.900	2806.140
Stddev	10.682	4.350	242.78	29.462	5.583
%RSD	.7297707	.1609674	.7156187	.4604198	.1989407
#1	1466.395	2706.621	34111.58	6425.375	2812.472
#2	1472.758	2697.971	34014.96	6404.163	2801.928
#3	1451.915	2703.110	33651.18	6367.161	2804.020

Sample Name: K5086-01 Acquired: 10/04/2019 9:59:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183721	.0105544	.2331731	-.043537	.0029679	111.7475	.9462703
Stddev	.0026915	.0027495	.0015410	.004835	.0008804	.1451	.0029568
%RSD	14.65019	26.05082	.6608757	11.10502	29.66460	.1298562	.3124704

#1	.0186890	.0137114	.2338948	-.039429	.0031339	111.7755	.9492983
#2	.0208911	.0086839	.2342209	-.048865	.0037535	111.5904	.9433902
#3	.0155361	.0092680	.2314037	-.042317	.0020163	111.8766	.9461225

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130044	.0079384	15.33877	.1619771	.1970473	.2045305	395.8172
Stddev	.0002694	.0000496	.21207	.0003805	.0004521	.0008603	.6678
%RSD	2.071385	.6252562	1.382550	.2349168	.2294490	.4206079	.1687104

#1	.0128985	.0079679	15.37156	.1619235	.1974103	.2052400	396.1021
#2	.0128041	.0079662	15.11222	.1616262	.1965408	.2035736	395.0542
#3	.0133106	.0078811	15.53253	.1623815	.1971907	.2047779	396.2953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.630575	21.11017	.2490825	-.000867	-.910950	.2789160	1.002000
Stddev	.017324	.04094	.0015633	.000234	.138468	.0018184	.012914
%RSD	.3076726	.1939152	.6276300	26.98575	15.20037	.6519364	1.288812

#1	5.638221	21.14688	.2498672	-.000651	-.857969	.2806165	.994378
#2	5.610743	21.06603	.2472822	-.000835	-.806795	.2769991	1.016910
#3	5.642760	21.11761	.2500980	-.001116	-1.06808	.2791323	.994711

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.321597	2.774233	-.010304	.0060594	.5713316	1.620973	.0171717
Stddev	.059372	.013122	.010269	.0007033	.0036803	.022091	.0009382
%RSD	.7134667	.4730061	99.66127	11.60621	.6441555	1.362795	5.463814

#1	8.283121	2.762823	-.012995	.0056462	.5730615	1.618682	.0177558
#2	8.389974	2.771304	.001043	.0068714	.5671051	1.600117	.0176699
#3	8.291695	2.788572	-.018960	.0056605	.5738281	1.644119	.0160895

Sample Name: K5086-01 Acquired: 10/04/2019 9:59:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AZ8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3718573	.1083859	.0904858
Stddev	.0010629	.0009664	.0003326
%RSD	.2858393	.8916569	.3676069

#1	.3706462	.1093482	.0901933
#2	.3722906	.1074154	.0904165
#3	.3726351	.1083940	.0908476

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1587.906	2934.170	37100.51	7041.525	2718.782
Stddev	7.929	1.145	159.96	67.977	1.463
%RSD	.4993624	.0390362	.4311592	.9653666	.0538040

#1	1584.662	2933.496	36966.50	6986.450	2717.939
#2	1582.113	2933.522	37057.43	7117.497	2720.471
#3	1596.943	2935.493	37277.60	7020.629	2717.935

Sample Name: K5086-05 Acquired: 10/04/2019 10:11:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0846766	.0097247	1.117685	-.022840	.0027997	106.0455	1.217016
Stddev	.0023945	.0018562	.003334	.003539	.0013685	.3749	.003050
%RSD	2.827783	19.08800	.2982575	15.49324	48.87922	.3535485	.2505793

#1	.0867216	.0103331	1.121447	-.018855	.0039955	106.3222	1.220536
#2	.0852657	.0112003	1.115096	-.025615	.0030964	105.6188	1.215354
#3	.0820426	.0076406	1.116513	-.024050	.0013072	106.1955	1.215159

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104029	.0075013	2.596022	.1319105	.2106954	.2036508	260.7829
Stddev	.0002464	.0000719	.088847	.0004513	.0009074	.0011772	.5982
%RSD	2.368965	.9580171	3.422412	.3421257	.4306444	.5780220	.2293943

#1	.0106062	.0075754	2.617896	.1315867	.2114108	.2023089	261.4737
#2	.0101288	.0074967	2.498281	.1324260	.2096748	.2041346	260.4408
#3	.0104737	.0074319	2.671889	.1317186	.2110007	.2045090	260.4342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.980279	16.99664	.1988299	.0006392	-.835073	.2159408	1.146818
Stddev	.019267	.05760	.0006760	.0004694	.104194	.0021197	.017623
%RSD	.1930508	.3388755	.3399854	73.44037	12.47721	.9816104	1.536664

#1	10.00252	17.05279	.1981262	.0004949	-.954674	.2136225	1.133845
#2	9.96965	16.93770	.1988891	.0002588	-.786583	.2177797	1.166882
#3	9.96867	16.99944	.1994743	.0011638	-.763961	.2164202	1.139728

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.697279	5.026963	.0068197	.0059970	2.395266	2.067312	.1428840
Stddev	.045966	.029751	.0084518	.0004217	.006045	.025120	.0012722
%RSD	.9785721	.5918239	123.9312	7.031730	.2523537	1.215097	.8903939

#1	4.670079	5.037498	.0015028	.0058817	2.402130	2.079968	.1438344
#2	4.671408	4.993379	.0165655	.0064644	2.392933	2.038382	.1414387
#3	4.750351	5.050014	.0023909	.0056450	2.390736	2.083587	.1433789

Sample Name: K5086-05 Acquired: 10/04/2019 10:11:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B04 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3014874	.0829252	.0437855
Stddev	.0050185	.0015745	.0002958
%RSD	1.664576	1.898677	.6754594

#1	.2992018	.0847308	.0439054
#2	.2980185	.0818380	.0434486
#3	.3072418	.0822069	.0440024

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1605.305	2973.008	37373.52	7146.171	2754.086
Stddev	9.102	6.212	220.26	79.667	8.019
%RSD	.5669897	.2089519	.5893549	1.114815	.2911659

#1	1610.054	2974.915	37502.00	7066.921	2746.994
#2	1594.811	2978.043	37119.18	7226.247	2762.788
#3	1611.051	2966.066	37499.36	7145.345	2752.477

Sample Name: K5086-04 Acquired: 10/04/2019 10:07:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1673209	k -.045679	k 1.462428	k -.108951	k .0078073	k 67.73018
Stddev	.0024169	.002216	.002521	.002304	.0025239	.39125
%RSD	1.444477	4.851645	.1724154	2.114447	32.32740	.5776606

#1	k .1649619	k -.043187	k 1.463653	k -.110233	k .0055758	k 67.51588
#2	k .1672089	k -.046420	k 1.464103	k -.110328	k .0105465	k 67.49289
#3	k .1697918	k -.047429	k 1.459528	k -.106291	k .0072997	k 68.18176

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.440330	.0125470	k .0307957	^ *****	k .1940432	.1338672
Stddev	.010792	.0001070	.0001019	-----	.0004956	.0004503
%RSD	.7492610	.8527768	.3308862	-----	.2553861	.3364075

#1	1.429348	.0124237	k .0308070	^ -----	k .1943943	.1334504
#2	1.440721	.0126146	k .0306886	^ -----	k .1942588	.1338063
#3	1.450921	.0126028	k .0308914	^ -----	k .1934763	.1343449

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .2253197	k 471.3930	5.174049	11.64122	.2023232	k -.022528
Stddev	.0007095	1.6913	.022339	.09048	.0005034	.000133
%RSD	.3148935	.3587856	.4317568	.7772307	.2488313	.5898788

#1	k .2249377	k 470.2626	5.161145	11.62998	.2026089	k -.022641
#2	k .2248829	k 470.5790	5.161157	11.55689	.2017419	k -.022562
#3	k .2261383	k 473.3374	5.199844	11.73679	.2026189	k -.022382

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 1.262910	k .2504044	k 2.374417	6.569303	k 7.096024	kF -1.11327
Stddev	.158932	.0015400	.014475	.071050	.022777	.00462
%RSD	12.58459	.6149986	.6096057	1.081550	.3209880	.4151628

#1	k 1.250670	k .2499047	k 2.390971	6.576228	k 7.116591	k -1.11129
#2	k 1.110451	k .2491763	k 2.364145	6.636637	k 7.099937	k -1.10997
#3	k 1.427607	k .2521322	k 2.368135	6.495043	k 7.071543	k -1.11856

Sample Name: K5086-04 Acquired: 10/04/2019 10:07:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B03 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142228	5.298593	1.797170	.2022145	.3414563	.0626550
Stddev	.0004309	.012909	.018126	.0010120	.0013814	.0021107
%RSD	3.029780	.2436212	1.008578	.5004585	.4045555	3.368808
#1	.0139385	5.312461	1.776247	.2033328	.3407315	.0607252
#2	.0140113	5.286928	1.807152	.2013617	.3430492	.0623307
#3	.0147186	5.296390	1.808110	.2019489	.3405881	.0649091

Elem	Sr4077
Units	ppm
Avg	.2528439
Stddev	.0008200
%RSD	.3242961
#1	.2528756
#2	.2520085
#3	.2536475

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1564.364	2909.620	36628.01	7049.677	2736.628
Stddev	8.757	5.795	94.04	38.450	5.437
%RSD	.5597814	.1991674	.2567567	.5454182	.1986644
#1	1559.857	2916.210	36561.89	7063.668	2742.819
#2	1574.456	2905.321	36735.67	7079.173	2734.434
#3	1558.778	2907.329	36586.45	7006.191	2732.631

Sample Name: K5086-06 Acquired: 10/04/2019 10:15:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B05 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154103	.0099282	.3954792	-.030906	.0023175	126.5005	1.555251
Stddev	.0046894	.0014526	.0014896	.001986	.0004226	.2442	.004276
%RSD	30.42996	14.63140	.3766458	6.426502	18.23518	.1930409	.2749190

#1	.0104005	.0106824	.3944128	-.030387	.0018295	126.4536	1.551909
#2	.0196946	.0082536	.3971811	-.029231	.0025675	126.7647	1.560069
#3	.0161359	.0108487	.3948436	-.033100	.0025553	126.2832	1.553775

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143333	.0093118	1.526198	.1421370	.2396652	.1831802	319.8632
Stddev	.0001100	.0000927	.122605	.0012529	.0004030	.0028695	.8149
%RSD	.7673059	.9950753	8.033371	.8815028	.1681478	1.566493	.2547526

#1	.0144542	.0092870	1.667484	.1435707	.2392259	.1808202	319.5900
#2	.0142392	.0092341	1.463350	.1412525	.2400177	.1863744	320.7796
#3	.0143064	.0094143	1.447760	.1415877	.2397519	.1823461	319.2201

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.399843	23.31605	.3377073	-.000542	-.924736	.2390191	1.178779
Stddev	.023376	.08200	.0006031	.000479	.111035	.0026037	.007585
%RSD	.2782886	.3516778	.1785729	88.34632	12.00719	1.089335	.6434878

#1	8.397099	23.27148	.3372390	-.000555	-1.04842	.2377807	1.172083
#2	8.424469	23.41068	.3374950	-.000057	-.83365	.2420109	1.187017
#3	8.377959	23.26600	.3383877	-.001015	-.89214	.2372657	1.177238

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.208566	3.291165	-.001048	.0047932	1.441142	2.005432	.0237044
Stddev	.047214	.005581	.007081	.0003965	.008256	.008280	.0007233
%RSD	.9064713	.1695832	675.8908	8.271223	.5728527	.4128876	3.051517

#1	5.160616	3.285346	-.009102	.0052505	1.434333	2.003301	.0240376
#2	5.210076	3.296473	.001762	.0045454	1.438768	2.014569	.0228745
#3	5.255008	3.291677	.004197	.0045838	1.450324	1.998425	.0242010

Sample Name: K5086-06 Acquired: 10/04/2019 10:15:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B05 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2369213	.1030229	.0478951
Stddev	.0022482	.0008831	.0003140
%RSD	.9489033	.8572409	.6555831

#1	.2391651	.1039964	.0481913
#2	.2369299	.1027991	.0479282
#3	.2346689	.1022732	.0475659

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.192	3014.416	37832.60	7251.929	2715.876
Stddev	8.000	1.704	117.63	33.296	.562
%RSD	.4925636	.0565391	.3109101	.4591392	.0206969

#1	1631.459	3012.450	37725.35	7218.031	2715.987
#2	1615.619	3015.311	37814.04	7253.167	2716.375
#3	1625.499	3015.486	37958.40	7284.590	2715.267

Sample Name: K5086-07 Acquired: 10/04/2019 10:19:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B06 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1822989	.0110330	2.143908	-.032398	.0115656	109.9684	.5098803
Stddev	.0012273	.0015476	.004979	.002996	.0028446	.2695	.0025596
%RSD	.6732340	14.02739	.2322250	9.246028	24.59563	.2450509	.5020008

#1	.1810316	.0128149	2.145537	-.035319	.0141860	109.9447	.5089429
#2	.1834819	.0100250	2.138319	-.029334	.0119707	110.2489	.5127765
#3	.1823831	.0102590	2.147869	-.032541	.0085401	109.7116	.5079216

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106622	.0099531	1.196054	.1697660	.1265133	.4454776	336.7895
Stddev	.0000627	.0002247	.044566	.0004439	.0002916	.0025728	1.3845
%RSD	.5882221	2.257622	3.726061	.2614725	.2305201	.5775288	.4110790

#1	.0106740	.0098005	1.201219	.1695977	.1262618	.4425681	336.0716
#2	.0107181	.0098477	1.149131	.1702694	.1264451	.4464122	338.3854
#3	.0105944	.0102112	1.237813	.1694309	.1268330	.4474524	335.9114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.576639	17.65783	.2236707	.0006612	-.865167	.2538682	1.679486
Stddev	.014483	.07951	.0008986	.0003190	.172481	.0007431	.008767
%RSD	.5620967	.4502997	.4017688	48.25014	19.93614	.2927282	.5220234

#1	2.571629	17.57658	.2240661	.0003512	-.951997	.2532878	1.683203
#2	2.592962	17.73548	.2243037	.0006439	-.976977	.2536109	1.669472
#3	2.565326	17.66143	.2226421	.0009885	-.666526	.2547058	1.685782

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.07862	5.134833	.0132103	.0085272	2.252184	2.251206	.1385766
Stddev	.09064	.013119	.0062492	.0005252	.003221	.042384	.0015078
%RSD	.7504012	.2554957	47.30510	6.158510	.1430068	1.882743	1.088072

#1	11.99851	5.131893	.0147486	.0089840	2.248466	2.220081	.1372919
#2	12.17700	5.123434	.0063357	.0086443	2.253947	2.299477	.1382013
#3	12.06034	5.149173	.0185467	.0079534	2.254138	2.234059	.1402366

Sample Name: K5086-07 Acquired: 10/04/2019 10:19:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B06 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3360786	.1204215	.0751781
Stddev	.0016487	.0015673	.0002370
%RSD	.4905627	1.301473	.3153055

#1	.3345288	.1203279	.0751116
#2	.3378110	.1220334	.0754414
#3	.3358962	.1189031	.0749815

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1591.772	2955.860	37364.23	7239.602	2697.434
Stddev	16.622	6.451	223.76	26.572	4.258
%RSD	1.044263	.2182471	.5988660	.3670372	.1578471

#1	1582.863	2951.567	37110.90	7263.429	2696.076
#2	1610.949	2963.279	37534.93	7210.947	2702.204
#3	1581.503	2952.734	37446.85	7244.429	2694.020

Sample Name: K5086-08 Acquired: 10/04/2019 10:23:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1664993	.0153355	2.504598	-.035443	.0124339	105.6942	.5433324
Stddev	.0047927	.0023225	.004133	.006218	.0016832	.2765	.0007729
%RSD	2.878484	15.14435	.1650297	17.54442	13.53693	.2616121	.1422456

#1	.1703275	.0179635	2.509252	-.041769	.0143426	105.5445	.5435689
#2	.1680462	.0144841	2.503189	-.035222	.0111623	105.5247	.5439593
#3	.1611243	.0135589	2.501354	-.029338	.0117968	106.0132	.5424689

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111386	.0105125	1.479672	.1602607	.1125480	.4492508	361.1980
Stddev	.0000902	.0000625	.057930	.0010239	.0004031	.0018349	.7374
%RSD	.8100438	.5944298	3.915073	.6389167	.3581616	.4084300	.2041627

#1	.0110716	.0104581	1.491054	.1597553	.1129935	.4478027	360.9615
#2	.0111029	.0105808	1.416895	.1614390	.1122086	.4486355	360.6078
#3	.0112412	.0104986	1.531066	.1595877	.1124419	.4513143	362.0247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.257166	16.76458	.2107245	.0006180	-.877273	.2593211	1.747442
Stddev	.003272	.05310	.0007249	.0003233	.062603	.0031307	.011153
%RSD	.1449720	.3167139	.3439951	52.31043	7.136052	1.207257	.6382374

#1	2.257764	16.73706	.2103969	.0008865	-.931014	.2575089	1.758710
#2	2.253637	16.73089	.2115554	.0002592	-.808533	.2629361	1.736408
#3	2.260099	16.82578	.2102213	.0007082	-.892272	.2575183	1.747209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.15023	4.952706	-.003296	.0087387	2.276980	2.212394	.1545500
Stddev	.10429	.011656	.000389	.0002621	.007197	.027210	.0016992
%RSD	.9353054	.2353416	11.79932	2.999558	.3160876	1.229875	1.099477

#1	11.03305	4.957613	-.003670	.0088568	2.282580	2.184549	.1526049
#2	11.23288	4.961106	-.003324	.0089210	2.279498	2.238920	.1557456
#3	11.18475	4.939399	-.002894	.0084383	2.268862	2.213713	.1552996

Sample Name: K5086-08 Acquired: 10/04/2019 10:23:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B07 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3809295	.1173582	.0755098
Stddev	.0085149	.0003603	.0004279
%RSD	2.235289	.3070217	.5667210

#1	.3740836	.1172862	.0750435
#2	.3782406	.1170393	.0756014
#3	.3904641	.1177491	.0758846

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.848	2949.738	37215.10	7044.040	2747.774
Stddev	8.462	2.337	139.45	19.365	1.440
%RSD	.5312371	.0792188	.3747171	.2749104	.0524093

#1	1583.624	2950.300	37124.70	7062.025	2746.148
#2	1594.669	2951.742	37144.90	7046.553	2748.287
#3	1600.251	2947.171	37375.70	7023.541	2748.888

Sample Name: K5086-09 Acquired: 10/04/2019 10:27:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082176	.0086907	.4633125	-.021448	.0026878	85.22482	.5342253
Stddev	.0031492	.0020804	.0028310	.001778	.0014919	.18747	.0028575
%RSD	38.32209	23.93776	.6110436	8.291742	55.50865	.2199672	.5348823

#1	.0061259	.0081108	.4638596	-.020777	.0036385	85.12971	.5309891
#2	.0118395	.0109995	.4602478	-.020102	.0009682	85.10398	.5352864
#3	.0066875	.0069618	.4658301	-.023464	.0034566	85.44078	.5364004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087075	.0127874	20.28674	.2360067	.0611154	.3926963	245.6129
Stddev	.0001820	.0001696	.06018	.0005764	.0001834	.0003230	.5873
%RSD	2.089582	1.326075	.2966236	.2442461	.3000635	.0822521	.2391106

#1	.0087414	.0127479	20.22617	.2362693	.0609968	.3923820	245.0192
#2	.0085110	.0126411	20.28754	.2353457	.0610228	.3926794	245.6258
#3	.0088702	.0129733	20.34651	.2364051	.0613267	.3930274	246.1936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.139044	10.03710	.1338328	-.000498	-.552927	.2354056	1.964709
Stddev	.003054	.06383	.0005553	.000317	.146279	.0010281	.015338
%RSD	.1427922	.6359380	.4149110	63.68409	26.45544	.4367313	.7806715

#1	2.138021	9.96828	.1332888	-.000349	-.681661	.2363385	1.960810
#2	2.136632	10.04867	.1343987	-.000862	-.583263	.2355749	1.981621
#3	2.142479	10.09436	.1338110	-.000282	-.393859	.2343034	1.951697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.97558	2.735871	-.000236	.0145795	1.498510	2.767666	.1044869
Stddev	.05928	.005269	.008653	.0006159	.009194	.050810	.0016300
%RSD	.4241800	.1926071	3669.192	4.224495	.6135412	1.835843	1.559987

#1	13.90720	2.730200	-.004652	.0145364	1.499552	2.772653	.1034543
#2	14.00715	2.740616	.009734	.0139863	1.507139	2.714546	.1036404
#3	14.01240	2.736797	-.005790	.0152159	1.488839	2.815798	.1063659

Sample Name: K5086-09 Acquired: 10/04/2019 10:27:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B08 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2456571	.0625708	.3641964
Stddev	.0067991	.0014664	.0012353
%RSD	2.767737	2.343567	.3391854

#1	.2527292	.0635700	.3656110
#2	.2450734	.0632551	.3633306
#3	.2391686	.0608873	.3636477

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1553.863	2887.514	36103.96	6952.362	2736.105
Stddev	12.889	5.580	161.06	49.704	7.458
%RSD	.8294740	.1932472	.4461060	.7149221	.2725915

#1	1558.249	2883.987	36192.22	6932.946	2735.387
#2	1539.353	2893.947	35918.06	7008.844	2743.896
#3	1563.985	2884.607	36201.60	6915.298	2729.031

Sample Name: K5086-10 Acquired: 10/04/2019 10:31:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038431	.0106832	.4063834	-.021207	.0025975	81.43309	.5020617
Stddev	.0057006	.0017885	.0008727	.004109	.0014756	.29534	.0017834
%RSD	148.3340	16.74134	.2147557	19.37537	56.81070	.3626830	.3552083

#1	.0012696	.0112622	.4054158	-.021679	.0030047	81.36246	.5014817
#2	-.000117	.0121104	.4071112	-.025060	.0038268	81.17946	.5006406
#3	.010377	.0086769	.4066231	-.016882	.0009610	81.75734	.5040629

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081203	.0116497	19.36381	.1677211	.0544030	.3637098	218.6629
Stddev	.0001954	.0001233	.21456	.0008762	.0000939	.0011921	1.1456
%RSD	2.406768	1.058119	1.108058	.5224049	.1725013	.3277758	.5239322

#1	.0079121	.0116677	19.39481	.1667909	.0543261	.3640274	217.9456
#2	.0082999	.0115184	19.13544	.1685308	.0543754	.3647110	218.0589
#3	.0081487	.0117629	19.56119	.1678414	.0545076	.3623910	219.9841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.918650	9.329937	.1170051	-.000397	-.471538	.2231780	1.765145
Stddev	.013417	.063021	.0006680	.000528	.139078	.0020709	.024164
%RSD	.6993191	.6754657	.5708697	133.0171	29.49464	.9278956	1.368943

#1	1.911013	9.312186	.1162522	.000213	-.509474	.2214271	1.776736
#2	1.910793	9.277696	.1175263	-.000692	-.317428	.2254639	1.737369
#3	1.934142	9.399929	.1172370	-.000713	-.587712	.2226430	1.781329

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.45692	2.729151	-.002500	.0127695	1.478778	2.165351	.0188283
Stddev	.05490	.011010	.001782	.0002825	.007365	.004861	.0006448
%RSD	.4080027	.4034295	71.28328	2.211965	.4980203	.2244968	3.424845

#1	13.41879	2.720779	-.002462	.0130185	1.471702	2.170023	.0188846
#2	13.51985	2.741623	-.004301	.0128273	1.486401	2.160320	.0181571
#3	13.43211	2.725051	-.000737	.0124626	1.478230	2.165710	.0194431

Sample Name: K5086-10 Acquired: 10/04/2019 10:31:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B09 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2100086	.0619567	.3158089
Stddev	.0010464	.0012771	.0007200
%RSD	.4982822	2.061312	.2280020

#1	.2088158	.0634133	.3152676
#2	.2107721	.0610289	.3155329
#3	.2104379	.0614280	.3166261

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1553.060	2908.639	36243.75	6915.656	2760.016
Stddev	20.681	1.004	190.10	23.441	2.886
%RSD	1.331617	.0345184	.5245058	.3389547	.1045613

#1	1534.491	2909.414	36092.55	6921.400	2763.315
#2	1575.348	2907.505	36457.16	6935.691	2757.958
#3	1549.342	2908.998	36181.53	6889.877	2758.775

Sample Name: K5086-11 Acquired: 10/04/2019 10:35:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0642841	.0090364	.5180983	-.031470	.0045753	88.96623	1.765011
Stddev	.0046376	.0007192	.0008124	.001912	.0020098	.17241	.004607
%RSD	7.214227	7.958822	.1567984	6.075495	43.92759	.1937953	.2610023

#1	.0659910	.0082250	.5172976	-.033294	.0067656	89.07081	1.769979
#2	.0678264	.0092889	.5189219	-.029481	.0041445	88.76723	1.764172
#3	.0590350	.0095952	.5180755	-.031636	.0028158	89.06064	1.760882

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137187	.0141957	49.62784	.1564790	.2302086	.2974793	344.5088
Stddev	.0000330	.0000307	.11861	.0009876	.0010972	.0026070	1.2368
%RSD	.2406504	.2161037	.2389998	.6311163	.4765994	.8763637	.3590045

#1	.0136878	.0141862	49.76344	.1560418	.2306033	.2998822	345.1307
#2	.0137149	.0142299	49.54336	.1557854	.2310538	.2947075	343.0845
#3	.0137535	.0141708	49.57673	.1576096	.2289687	.2978480	345.3112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40103	23.49309	.3587557	.0022086	-.849183	.2484900	1.615190
Stddev	.06420	.08490	.0015094	.0003454	.185904	.0018049	.022783
%RSD	.4168806	.3613722	.4207428	15.63949	21.89215	.7263437	1.410574

#1	15.43738	23.44086	.3590410	.0021712	-.826885	.2505656	1.619569
#2	15.32689	23.44736	.3601021	.0018834	-1.04523	.2476158	1.590534
#3	15.43880	23.59105	.3571239	.0025711	-.67543	.2472887	1.635466

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.599249	6.010111	.0057874	.0084521	5.251772	1.769904	.0357078
Stddev	.075102	.032197	.0032586	.0003706	.018655	.008396	.0004969
%RSD	.9882811	.5357105	56.30510	4.384922	.3552129	.4743571	1.391518

#1	7.513403	6.028407	.0059100	.0080323	5.263930	1.761028	.0356528
#2	7.631535	6.028992	.0024692	.0087340	5.261092	1.770966	.0352406
#3	7.652809	5.972935	.0089830	.0085901	5.230293	1.777718	.0362298

Sample Name: K5086-11 Acquired: 10/04/2019 10:35:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B22 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4553485	.1142781	.2571096
Stddev	.0022067	.0013311	.0005171
%RSD	.4846235	1.164782	.2011019

#1	.4528518	.1158057	.2572894
#2	.4570378	.1136611	.2565266
#3	.4561560	.1133674	.2575127

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1700.871	3206.970	39879.44	7739.535	2707.329
Stddev	11.170	18.256	103.84	14.146	13.536
%RSD	.6567364	.5692590	.2603750	.1827716	.4999808

#1	1694.330	3194.724	39970.23	7725.539	2700.998
#2	1713.768	3198.234	39901.86	7753.825	2698.118
#3	1694.513	3227.953	39766.23	7739.240	2722.870

Sample Name: K5086-13 Acquired: 10/04/2019 10:43:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0626429	.0078799	.7319727	-.030537	.0051218	96.21245	1.411801
Stddev	.0048150	.0017351	.0037797	.005089	.0016698	.16311	.003811
%RSD	7.686408	22.01880	.5163725	16.66352	32.60111	.1695306	.2699344

#1	.0655247	.0092616	.7286580	-.033689	.0068095	96.30515	1.413198
#2	.0653196	.0084454	.7360888	-.024667	.0034706	96.30809	1.414716
#3	.0570843	.0059326	.7311713	-.033256	.0050854	96.02412	1.407489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138599	.0190454	37.74523	.1552522	.1761214	.4987313	356.1606
Stddev	.0001131	.0000186	.14134	.0001905	.0002347	.0022977	1.2405
%RSD	.8162626	.0974054	.3744487	.1226932	.1332429	.4607193	.3482911

#1	.0137912	.0190261	37.78771	.1554612	.1763453	.4969854	356.5482
#2	.0137981	.0190631	37.86046	.1552071	.1761416	.4978742	357.1610
#3	.0139905	.0190471	37.58753	.1550883	.1758773	.5013345	354.7726

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.283912	29.95273	.3610319	.0016142	-.550028	.2290791	3.850826
Stddev	.019074	.08300	.0006606	.0001171	.192601	.0021715	.022695
%RSD	.4452564	.2771050	.1829669	7.254442	35.01659	.9479188	.5893438

#1	4.295429	29.95437	.3617903	.0015667	-.337420	.2315586	3.876271
#2	4.294411	30.03489	.3605819	.0017475	-.599819	.2281626	3.832678
#3	4.261894	29.86892	.3607236	.0015283	-.712844	.2275161	3.843527

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.86436	5.671852	.0031246	.0048253	1.918753	2.057135	.0454526
Stddev	.11624	.028617	.0049071	.0004032	.010706	.012116	.0021196
%RSD	.7819960	.5045417	157.0504	8.355295	.5579483	.5889600	4.663310

#1	14.87328	5.653161	.0078232	.0048536	1.913580	2.052002	.0478710
#2	14.97589	5.657599	-.001967	.0044087	1.911617	2.070972	.0439173
#3	14.74392	5.704797	.003518	.0052136	1.931063	2.048430	.0445696

Sample Name: K5086-13 Acquired: 10/04/2019 10:43:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B24 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2853006	.1141194	.2184319
Stddev	.0020502	.0005774	.0002096
%RSD	.7185928	.5059317	.0959732

#1	.2875601	.1147777	.2185763
#2	.2835593	.1136988	.2181914
#3	.2847824	.1138818	.2185279

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1704.468	3175.695	39894.04	7697.686	2658.036
Stddev	10.011	3.896	162.41	16.378	4.912
%RSD	.5873471	.1226891	.4070914	.2127678	.1847847

#1	1698.223	3176.163	39728.71	7697.281	2657.401
#2	1716.015	3179.336	39900.05	7681.515	2663.234
#3	1699.166	3171.586	40053.35	7714.264	2653.472

Sample Name: K5086-12 Acquired: 10/04/2019 10:39:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B23 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0822699	.0089029	.6592207	-.032403	.0056475	100.0307	1.670447
Stddev	.0036221	.0021220	.0009450	.003925	.0017150	.1669	.004164
%RSD	4.402741	23.83468	.1433567	12.11288	30.36695	.1668323	.2492630

#1	.0784983	.0078106	.6581572	-.029092	.0041922	99.8468	1.665826
#2	.0857213	.0075496	.6595408	-.036738	.0075382	100.0725	1.673908
#3	.0825901	.0113485	.6599642	-.031379	.0052121	100.1726	1.671607

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133447	.0144684	95.60480	.1576422	.2020656	.2839735	334.2603
Stddev	.0001022	.0001223	.37254	.0003174	.0010491	.0010631	.6990
%RSD	.7654930	.8455439	.3896689	.2013317	.5191702	.3743505	.2091080

#1	.0133324	.0146085	95.17671	.1577161	.2020381	.2831092	333.4544
#2	.0132492	.0144139	95.78226	.1572943	.2010305	.2836509	334.7011
#3	.0134524	.0143828	95.85544	.1579160	.2031281	.2851605	334.6253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.078625	34.16241	.3524302	.0015498	-.557457	.2445839	1.797857
Stddev	.035327	.10946	.0010676	.0001616	.210340	.0019483	.007290
%RSD	.3891198	.3203991	.3029237	10.42800	37.73216	.7965619	.4054868

#1	9.037900	34.03986	.3513957	.0013640	-.720112	.2435644	1.800245
#2	9.096964	34.19693	.3523667	.0016573	-.319922	.2433569	1.803653
#3	9.101010	34.25044	.3535281	.0016282	-.632336	.2468304	1.789672

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.264725	4.956385	-.001966	.0067431	2.948300	2.208808	.0526601
Stddev	.055721	.031533	.004091	.0002479	.007404	.028544	.0016168
%RSD	.6742032	.6362102	208.0515	3.676172	.2511403	1.292295	3.070173

#1	8.224767	4.978579	-.005060	.0067333	2.949485	2.191451	.0511606
#2	8.241031	4.920290	-.003510	.0069957	2.940374	2.193221	.0543729
#3	8.328377	4.970286	.002672	.0065002	2.955040	2.241752	.0524469

Sample Name: K5086-12 Acquired: 10/04/2019 10:39:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B23 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4783153	.1381031	.3389890
Stddev	.0010568	.0013977	.0003671
%RSD	.2209385	1.012094	.1083014

#1	.4771523	.1375626	.3386051
#2	.4792168	.1396904	.3390254
#3	.4785766	.1370564	.3393366

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1656.247	3090.283	38710.37	7477.466	2648.639
Stddev	8.698	1.336	368.35	28.971	3.886
%RSD	.5251607	.0432219	.9515532	.3874479	.1467058

#1	1652.794	3089.104	38681.68	7493.142	2645.894
#2	1649.805	3090.013	38357.20	7444.034	2653.085
#3	1666.141	3091.734	39092.22	7495.221	2646.939

Sample Name: K5086-15 Acquired: 10/04/2019 10:51:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.186364	.0131099	14.41283	-.039766	.0379201	66.83907
Stddev	.005211	.0024371	.03616	.001853	.0005804	.18774
%RSD	.4392472	18.58963	.2509204	4.660774	1.530516	.2808816

#1	1.182303	.0115444	14.43223	-.040924	.0375564	67.05580
#2	1.192240	.0159179	14.37111	-.037628	.0376145	66.72680
#3	1.184550	.0118675	14.43517	-.040745	.0385894	66.73461

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.571805	.0128542	.0955222	51.41633	.1608783	.1502895
Stddev	.007396	.0001388	.0001146	.42305	.0003197	.0003495
%RSD	.4705431	1.080105	.1199996	.8227880	.1987509	.2325322

#1	1.580320	.0129827	.0954314	51.87897	.1610009	.1506727
#2	1.568113	.0128728	.0954841	51.32082	.1611185	.1502073
#3	1.566981	.0127070	.0956510	51.04921	.1605154	.1499884

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.609808	459.5314	4.357504	14.68920	.2823858	.0156816
Stddev	.004045	2.2306	.026491	.14126	.0004135	.0001797
%RSD	.2512409	.4854096	.6079418	.9616917	.1464389	1.146109

#1	1.612602	462.0856	4.387555	14.85230	.2826661	.0158227
#2	1.611651	458.5414	4.347422	14.60565	.2825805	.0157428
#3	1.605170	457.9671	4.337533	14.60965	.2819109	.0154793

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.464808	.1871844	F 40.66895	8.377306	4.717543	.0220022
Stddev	.166204	.0018918	.27890	.010756	.011018	.0043015
%RSD	35.75746	1.010652	.6857925	.1283888	.2335578	19.55045

#1	-.639159	.1893429	40.51452	8.365234	4.712117	.0189333
#2	-.308170	.1858146	40.50142	8.385869	4.710291	.0201544
#3	-.447095	.1863957	40.99091	8.380816	4.730222	.0269189

Sample Name: K5086-15 Acquired: 10/04/2019 10:51:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B26 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201363	8.477751	1.657875	.5577569	.6309309	.0773992
Stddev	.0006969	.045062	.011967	.0009645	.0016251	.0016637
%RSD	3.460658	.5315297	.7218160	.1729169	.2575651	2.149521

#1	.0202886	8.488729	1.669470	.5566461	.6327641	.0789155
#2	.0207443	8.428215	1.658587	.5583815	.6303614	.0756195
#3	.0193758	8.516310	1.645569	.5582432	.6296673	.0776626

Elem	Sr4077
Units	ppm
Avg	.3888455
Stddev	.0003706
%RSD	.0953101

#1	.3889798
#2	.3891303
#3	.3884265

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1591.582	2947.924	37311.58	7220.893	2691.918
Stddev	1.917	2.927	118.72	71.339	4.854
%RSD	.1204186	.0992889	.3181967	.9879582	.1802995

#1	1592.451	2944.653	37396.86	7149.961	2687.911
#2	1592.910	2948.824	37361.91	7220.086	2697.315
#3	1589.385	2950.296	37175.99	7292.633	2690.527

Sample Name: K5086-14 Acquired: 10/04/2019 10:47:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0470851	.0074640	.3356572	-.026225	.0036095	52.34467	.5764064
Stddev	.0018296	.0005594	.0012682	.003229	.0035731	.03936	.0018194
%RSD	3.885634	7.494169	.3778274	12.31145	98.99173	.0751981	.3156493

#1	.0479677	.0068192	.3349236	-.025282	.0040206	52.36789	.5775857
#2	.0449816	.0077534	.3371216	-.029820	-.000151	52.29922	.5743110
#3	.0483060	.0078193	.3349264	-.023573	.006959	52.36690	.5773224

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088713	.0061371	106.3326	.0753802	.1218414	.1429678	260.3925
Stddev	.0001975	.0001023	.4488	.0002095	.0007311	.0016565	.7155
%RSD	2.226786	1.666751	.4221169	.2778785	.6000336	1.158620	.2747637

#1	.0088151	.0061860	106.4169	.0755808	.1216590	.1422184	260.2014
#2	.0087078	.0060195	105.8476	.0751629	.1226464	.1418185	259.7919
#3	.0090908	.0062057	106.7334	.0753970	.1212187	.1448665	261.1840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.916530	15.24577	.4586034	.0000985	-.617212	.1229986	.8977755
Stddev	.019325	.06113	.0011013	.0003101	.184669	.0019517	.0054959
%RSD	.3930669	.4009831	.2401484	314.8034	29.91987	1.586747	.6121704

#1	4.913325	15.27772	.4580983	.0001305	-.660638	.1207831	.8959174
#2	4.899008	15.17528	.4598666	-.000226	-.414700	.1237486	.9039596
#3	4.937258	15.28430	.4578451	.000391	-.776297	.1244639	.8934495

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.504695	3.531961	.0017874	.0145514	18.46399	1.876192	.0105921
Stddev	.041404	.009032	.0048056	.0002792	.00681	.012339	.0008295
%RSD	.7521660	.2557199	268.8641	1.918798	.0368869	.6576353	7.831187

#1	5.539638	3.524398	-.002605	.0143511	18.46135	1.871783	.0101564
#2	5.515482	3.541961	.006920	.0148703	18.47172	1.866664	.0100713
#3	5.458964	3.529525	.001047	.0144327	18.45889	1.890129	.0115487

Sample Name: K5086-14 Acquired: 10/04/2019 10:47:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B25 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3659703	.0587685	.1813566
Stddev	.0002927	.0008275	.0001835
%RSD	.0799813	1.408009	.1011798

#1	.3659981	.0588000	.1811526
#2	.3662481	.0595798	.1815082
#3	.3656646	.0579257	.1814090

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1551.805	2871.818	36170.21	7004.186	2694.525
Stddev	8.039	2.662	154.15	49.919	3.890
%RSD	.5180568	.0926917	.4261895	.7126980	.1443581

#1	1544.123	2874.222	36095.65	6964.881	2695.910
#2	1551.132	2872.276	36067.52	7060.351	2690.132
#3	1560.159	2868.958	36347.47	6987.324	2697.532

Sample Name: K5086-17 Acquired: 10/04/2019 10:59:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689866	.0085381	.5644189	-.022586	.0020764	96.14272	1.566608
Stddev	.0022726	.0026637	.0029783	.000386	.0010107	.48715	.012294
%RSD	3.294205	31.19790	.5276745	1.707115	48.67700	.5066975	.7847673

#1	.0712977	.0057864	.5611184	-.022141	.0032033	96.36558	1.574415
#2	.0689075	.0087238	.5669061	-.022833	.0012500	96.47859	1.572974
#3	.0667547	.0111042	.5652321	-.022783	.0017759	95.58401	1.552437

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065792	.0092837	19.73080	.1513170	.0763738	.1846071	239.2716
Stddev	.0000351	.0000143	.09462	.0006481	.0002854	.0020612	1.1866
%RSD	.5334491	.1539612	.4795777	.4283130	.3736473	1.116520	.4959330

#1	.0065627	.0092763	19.83422	.1519318	.0763267	.1855623	239.8887
#2	.0065554	.0093002	19.70961	.1506401	.0761149	.1860173	240.0227
#3	.0066195	.0092746	19.64856	.1513790	.0766798	.1822416	237.9036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.270524	10.40415	.2223711	.0001182	1.712407	.2437084	1.692250
Stddev	.012323	.04769	.0000313	.0000299	.235235	.0031938	.020983
%RSD	.5427508	.4583305	.0140759	25.30422	13.73708	1.310510	1.239947

#1	2.279496	10.45659	.2223463	.0001313	1.573033	.2412076	1.673986
#2	2.275603	10.39245	.2223607	.0000840	1.580187	.2473062	1.687595
#3	2.256473	10.36339	.2224063	.0001394	1.984001	.2426115	1.715170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.003398	1.652356	-.002678	.0084557	2.327805	2.060293	.0198948
Stddev	.064208	.000760	.003474	.0000455	.009087	.019878	.0006390
%RSD	1.603842	.0459905	129.7580	.5383553	.3903831	.9648141	3.211764

#1	4.076650	1.652931	-.006654	.0084377	2.333080	2.079447	.0193510
#2	3.976684	1.652641	-.001145	.0084220	2.333023	2.061670	.0197350
#3	3.956860	1.651494	-.000233	.0085075	2.317312	2.039762	.0205986

Sample Name: K5086-17 Acquired: 10/04/2019 10:59:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B48 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4785444	.0717991	.1711285
Stddev	.0054099	.0009981	.0012043
%RSD	1.130484	1.390095	.7037101

#1	.4783236	.0710569	.1716165
#2	.4840613	.0729338	.1720121
#3	.4732483	.0714066	.1697568

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1506.854	2801.236	35101.44	6781.905	2716.710
Stddev	4.242	9.775	178.12	68.313	4.912
%RSD	.2815158	.3489437	.5074400	1.007276	.1808160

#1	1505.783	2802.602	34898.58	6722.909	2717.619
#2	1511.529	2810.255	35232.24	6766.058	2721.104
#3	1503.250	2790.849	35173.50	6856.749	2711.406

Sample Name: K5086-16 Acquired: 10/04/2019 10:55:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6884118	.0140803	7.970893	-.041977	.0205068	66.87301
Stddev	.0020114	.0036870	.023784	.001209	.0016406	.99110
%RSD	.2921765	26.18552	.2983861	2.880801	8.000446	1.482061

#1	.6903864	.0098458	7.945136	-.042520	.0204859	65.73951
#2	.6884836	.0165796	7.992025	-.042818	.0221577	67.57632
#3	.6863655	.0158155	7.975519	-.040591	.0188767	67.30321

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.785303	.0126167	.0811183	48.39658	.1537974	.1632675
Stddev	.029782	.0001479	.0004161	.94913	.0013494	.0003844
%RSD	1.668195	1.172562	.5129071	1.961156	.8774001	.2354555

#1	1.752289	.0124863	.0809095	47.38031	.1553166	.1630516
#2	1.810149	.0127775	.0815974	49.26003	.1527379	.1637114
#3	1.793471	.0125863	.0808480	48.54939	.1533378	.1630396

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.217224	430.9941	5.254331	17.18312	.5302679	.0081972
Stddev	.016035	6.9934	.093455	.25509	.0010945	.0003472
%RSD	1.317378	1.622631	1.778622	1.484548	.2063978	4.236053

#1	1.198723	423.1257	5.150159	16.90749	.5300354	.0082037
#2	1.227128	436.5015	5.330807	17.41089	.5314599	.0085412
#3	1.225821	433.3549	5.282026	17.23100	.5293084	.0078468

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.395716	.1909266	F 33.41580	6.885414	4.081901	.0139992
Stddev	.269786	.0018046	.26659	.054053	.026806	.0116725
%RSD	68.17678	.9451888	.7977836	.7850307	.6567074	83.37971

#1	-.145354	.1889313	33.32327	6.831721	4.051429	.0068058
#2	-.681439	.1914040	33.20780	6.939819	4.101845	.0077248
#3	-.360353	.1924446	33.71632	6.884703	4.092429	.0274669

Sample Name: K5086-16 Acquired: 10/04/2019 10:55:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B27 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207293	6.121545	1.861500	.2958343	.5003591	.0819499
Stddev	.0005478	.022091	.036255	.0017293	.0082073	.0031455
%RSD	2.642851	.3608801	1.947607	.5845491	1.640287	3.838328
#1	.0201945	6.100611	1.827124	.2940081	.4909619	.0789376
#2	.0207040	6.119387	1.899380	.2960480	.5061207	.0852135
#3	.0212893	6.144635	1.857997	.2974469	.5039947	.0816985

Elem	Sr4077
Units	ppm
Avg	.3891524
Stddev	.0044968
%RSD	1.155545
#1	.3839988
#2	.3911803
#3	.3922782

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1599.318	2969.418	37557.34	7343.574	2689.968
Stddev	2.143	1.470	256.27	128.654	3.480
%RSD	.1340027	.0494923	.6823532	1.751933	.1293730
#1	1601.079	2969.792	37323.77	7459.642	2693.720
#2	1596.931	2970.664	37831.48	7205.240	2686.846
#3	1599.943	2967.797	37516.78	7365.840	2689.337

Sample Name: K5086-18 Acquired: 10/04/2019 11:03:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0448696	.0071327	1.329114	-.022022	.0029176	98.22626	1.240392
Stddev	.0028365	.0044304	.001669	.002745	.0007698	.26265	.006665
%RSD	6.321613	62.11420	.1256004	12.46340	26.38373	.2673910	.5373262

#1	.0464573	.0121851	1.327278	-.019886	.0020297	98.01664	1.232862
#2	.0415949	.0053016	1.329525	-.025118	.0033975	98.14127	1.242781
#3	.0465568	.0039113	1.330540	-.021064	.0033256	98.52088	1.245533

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095557	.0202121	26.35231	.1257112	.1603872	.1899098	236.8617
Stddev	.0000496	.0000477	.10171	.0004210	.0003342	.0009454	1.0831
%RSD	.5191215	.2360623	.3859483	.3349058	.2083766	.4978333	.4572899

#1	.0094985	.0201671	26.28268	.1257442	.1601410	.1888405	235.6359
#2	.0095817	.0202621	26.30521	.1252747	.1607677	.1902542	237.2595
#3	.0095869	.0202073	26.46903	.1261148	.1602530	.1906348	237.6897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.485919	10.59048	.1510881	.0009694	.9616792	.2232843	4.140718
Stddev	.043877	.06418	.0004106	.0001602	.1200209	.0024992	.010644
%RSD	.5861222	.6059714	.2717383	16.52517	12.48034	1.119298	.2570687

#1	7.436687	10.52472	.1515195	.0011542	.8387215	.2251390	4.145170
#2	7.500176	10.59377	.1507022	.0008855	1.078530	.2204422	4.148414
#3	7.520894	10.65294	.1510427	.0008686	.967786	.2242716	4.128570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.367266	3.693625	-.000118	.0076098	1.965888	2.091999	.0619905
Stddev	.052355	.009435	.001635	.0001219	.007355	.022306	.0008496
%RSD	1.554835	.2554373	1389.848	1.602199	.3741078	1.066272	1.370557

#1	3.354317	3.697664	-.001906	.0075742	1.970160	2.081878	.0612239
#2	3.322599	3.682843	.001302	.0077456	1.970108	2.076547	.0618437
#3	3.424880	3.700368	.000251	.0075097	1.957396	2.117571	.0629040

Sample Name: K5086-18 Acquired: 10/04/2019 11:03:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B49 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4207973	.0639945	.1218746
Stddev	.0036256	.0006398	.0001587
%RSD	.8616086	.9997071	.1302295

#1	.4191087	.0637661	.1220471
#2	.4183240	.0647171	.1218419
#3	.4249592	.0635003	.1217347

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1616.305	2996.027	37740.85	7260.332	2699.632
Stddev	10.512	.905	56.53	25.869	2.756
%RSD	.6503957	.0302182	.1497880	.3563100	.1021056

#1	1604.496	2995.222	37675.71	7250.224	2699.644
#2	1624.642	2997.007	37777.07	7289.729	2696.870
#3	1619.777	2995.852	37769.77	7241.042	2702.383

Sample Name: K5086-19 Acquired: 10/04/2019 11:07:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0382192	.0069522	.3693766	-.018613	.0021247	109.9394	.6699797
Stddev	.0018376	.0008008	.0027105	.003901	.0011504	.4081	.0025646
%RSD	4.808007	11.51847	.7338016	20.95811	54.14300	.3712373	.3827954

#1	.0376330	.0072419	.3722957	-.017579	.0030360	109.7900	.6701934
#2	.0367462	.0075677	.3688946	-.022926	.0008321	110.4012	.6724309
#3	.0402783	.0060468	.3669394	-.015333	.0025062	109.6270	.6673150

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065469	.0063494	16.36329	.1093186	.1121782	.0928199	216.4833
Stddev	.0000605	.0000273	.10491	.0005268	.0001764	.0030871	1.0070
%RSD	.9243051	.4300491	.6411455	.4819179	.1572841	3.325847	.4651434

#1	.0065551	.0063353	16.33283	.1088219	.1120774	.0960271	216.3746
#2	.0064827	.0063808	16.48006	.1092629	.1120754	.0898689	217.5402
#3	.0066029	.0063320	16.27698	.1098711	.1123820	.0925637	215.5351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.472918	10.76730	.1469215	.0001781	.2403923	.2486819	1.100268
Stddev	.020671	.03496	.0004463	.0000529	.3390457	.0018451	.000923
%RSD	.5952069	.3247261	.3037835	29.71465	141.0385	.7419680	.0839018

#1	3.470725	10.72696	.1470832	.0001273	.3765289	.2508121	1.099222
#2	3.494598	10.78602	.1472644	.0001741	-.145563	.2476523	1.100610
#3	3.453430	10.78893	.1464169	.0002329	.490211	.2475814	1.100970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.704112	1.759852	-.009054	.0080236	.5504985	2.046192	.0468191
Stddev	.037603	.005155	.002411	.0003097	.0041867	.011720	.0012147
%RSD	1.015163	.2929258	26.62506	3.859533	.7605193	.5727723	2.594437

#1	3.741891	1.765516	-.009820	.0080376	.5531164	2.057463	.0478683
#2	3.703756	1.758606	-.010987	.0083260	.5527092	2.047045	.0471007
#3	3.666688	1.755435	-.006353	.0077071	.5456699	2.034069	.0454884

Sample Name: K5086-19 Acquired: 10/04/2019 11:07:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B50 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4215247	.0781933	.1111511
Stddev	.0009378	.0020978	.0001943
%RSD	.2224796	2.682824	.1747681

#1	.4208767	.0778523	.1111834
#2	.4226001	.0804407	.1113272
#3	.4210974	.0762869	.1109427

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1525.369	2819.419	35367.77	6756.882	2713.696
Stddev	3.644	4.285	214.31	31.266	5.464
%RSD	.2389021	.1519675	.6059577	.4627298	.2013337

#1	1522.089	2815.097	35454.73	6732.734	2708.763
#2	1529.292	2823.665	35524.93	6745.714	2719.568
#3	1524.727	2819.495	35123.64	6792.199	2712.756

Sample Name: CCV088 Acquired: 10/04/2019 11:11:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.766817	4.729850	24.46612	4.704028	4.723691	407.4419	10.16903
Stddev	.016655	.004248	.00164	.002024	.008041	2.1998	.01483
%RSD	.3494007	.0898147	.0066869	.0430304	.1702301	.5399003	.1458518

#1	4.748561	4.734295	24.46796	4.706008	4.731465	409.2876	10.16667
#2	4.770707	4.725830	24.46482	4.704113	4.715407	405.0077	10.15552
#3	4.781183	4.729425	24.46559	4.701962	4.724202	408.0304	10.18490

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5021854	2.415921	417.2142	14.97058	2.480597	14.70805	413.0557
Stddev	.0014676	.001617	.8542	.03627	.001215	.04685	.7841
%RSD	.2922377	.0669512	.2047500	.2422865	.0489672	.3185174	.1898353

#1	.5021238	2.417789	416.4632	14.98769	2.481770	14.65882	412.2133
#2	.5007496	2.414998	417.0357	14.99512	2.480676	14.71325	413.1893
#3	.5036828	2.414977	418.1435	14.92891	2.479344	14.75208	413.7644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.09468	406.1136	2.411959	1.292335	404.7745	2.502681	14.45849
Stddev	.03123	.8484	.001584	.002540	.8935	.004717	.16508
%RSD	.2068802	.2089154	.0656783	.1965527	.2207422	.1884948	1.141777

#1	15.06130	405.5992	2.413556	1.293242	404.0160	2.500894	14.30362
#2	15.09954	405.6487	2.410388	1.294296	404.5481	2.499118	14.63217
#3	15.12319	407.0929	2.411932	1.289465	405.7594	2.508031	14.43968

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.9135	4.908115	5.016108	4.752327	4.921155	4.887703	4.894492
Stddev	.5524	.023099	.014240	.006371	.004951	.012870	.007014
%RSD	.3734558	.4706306	.2838837	.1340636	.1006088	.2633220	.1433092

#1	147.4292	4.884659	5.017456	4.751527	4.915710	4.885340	4.893960
#2	147.7961	4.908845	5.001242	4.746394	4.922366	4.876177	4.887759
#3	148.5151	4.930840	5.029626	4.759061	4.925387	4.901591	4.901758

Sample Name: CCV088 Acquired: 10/04/2019 11:11:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV088 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.009395	5.241580	5.028665
Stddev	.013697	.006814	.047620
%RSD	.2734170	.1299960	.9469707

#1	4.996460	5.234564	5.075712
#2	5.007983	5.242003	4.980492
#3	5.023744	5.248172	5.029791

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1187.739	2231.283	29796.96	5995.773	2149.491
Stddev	5.604	3.595	61.92	25.080	3.638
%RSD	.4718353	.1611155	.2078061	.4182972	.1692657

#1	1193.449	2232.379	29762.54	5985.694	2149.542
#2	1182.247	2234.203	29759.90	6024.325	2153.103
#3	1187.520	2227.268	29868.45	5977.301	2145.827

Sample Name: CCB088 Acquired: 10/04/2019 11:15:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003803	.0003949	.0014730	-.000090	.0005370	.0143244	.0005589
Stddev	.001748	.0016367	.0010777	.001836	.0014504	.0076618	.0008123
%RSD	45.95469	414.4583	73.16282	2037.147	270.0962	53.48795	145.3402

#1	-.004268	.0002349	.0026534	.001995	.0021139	.0111817	.0013821
#2	-.005270	-.001156	.0005417	-.000797	.0002370	.0230579	-.000242
#3	-.001870	.002106	.0012238	-.001468	-.000740	.0087337	.000536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000083	-.000049	.0207547	.0002058	.0002859	.0036615	.0226638
Stddev	.000032	.000084	.0008676	.0001944	.0003054	.0015935	.0074406
%RSD	38.78168	171.6844	4.180243	94.46515	106.8114	43.51995	32.83024

#1	-.000110	-.000127	.0216006	.0001937	.0003312	.0026324	.0288883
#2	-.000093	-.000060	.0207965	.0004060	-.000040	.0028551	.0144228
#3	-.000047	.000040	.0198669	.0000177	.000566	.0054970	.0246805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006979	.0197600	-.000585	.0003384	-.477840	.0034251	.0023655
Stddev	.0004666	.0126746	.000007	.0003773	.189644	.0018883	.0004536
%RSD	66.86377	64.14272	1.162240	111.5273	39.68780	55.13081	19.17717

#1	.0012366	.0289974	-.000588	.0001415	-.379927	.0050634	.0027732
#2	.0004356	.0053103	-.000589	.0007734	-.357165	.0013599	.0018768
#3	.0004213	.0249723	-.000577	.0001001	-.696427	.0038521	.0024465

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027737	.0001665	.0027331	.0004209	-.001189	-.000840	.0006105
Stddev	.082228	.0017646	.0004079	.0002295	.003209	.000771	.0002119
%RSD	296.4584	1059.576	14.92279	54.53245	269.8679	91.83364	34.70885

#1	-.040316	.0018457	.0025465	.0001748	-.004795	-.000036	.0007819
#2	.060056	.0003265	.0032009	.0006291	-.000122	-.000911	.0006759
#3	-.102951	-.001673	.0024520	.0004588	.001350	-.001574	.0003736

Sample Name: CCB088 Acquired: 10/04/2019 11:15:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB088 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010577	.0045986	.0001873
Stddev	.0008244	.0014971	.0000736
%RSD	77.93953	32.55538	39.27758

#1	.0001618	.0047026	.0002192
#2	.0017843	.0060410	.0002396
#3	.0012271	.0030522	.0001032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1439.922	2660.852	33434.10	6317.527	2753.622
Stddev	4.292	5.799	67.72	21.531	2.896
%RSD	.2980511	.2179509	.2025564	.3408080	.1051869

#1	1444.091	2662.576	33489.36	6342.045	2750.647
#2	1435.518	2654.386	33454.39	6301.701	2753.786
#3	1440.159	2665.594	33358.55	6308.834	2756.432

Sample Name: K5086-20 Acquired: 10/04/2019 11:19:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B50D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0393852	.0086451	.3683752	-.018210	.0017565	109.7156	.6677983
Stddev	.0029785	.0027360	.0007268	.003696	.0007343	.1890	.0024652
%RSD	7.562444	31.64757	.1973008	20.29522	41.80318	.1723067	.3691521

#1	.0427125	.0117852	.3682127	-.015120	.0023081	109.8826	.6705490
#2	.0369678	.0067748	.3691696	-.017206	.0009231	109.7537	.6670573
#3	.0384753	.0073752	.3677435	-.022304	.0020383	109.5104	.6657886

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063827	.0062520	16.13723	.1104118	.1117309	.0945586	215.6075
Stddev	.0001037	.0001781	.06548	.0009397	.0000447	.0001285	.7494
%RSD	1.624170	2.848666	.4057398	.8511198	.0400478	.1358498	.3475821

#1	.0064995	.0063266	16.21283	.1114967	.1117528	.0946387	216.4458
#2	.0063466	.0060487	16.09872	.1098856	.1116794	.0946267	215.3739
#3	.0063019	.0063805	16.10015	.1098530	.1117604	.0944105	215.0026

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.463841	10.72655	.1477023	-.000517	.3789169	.2500568	1.103519
Stddev	.012760	.05762	.0005179	.000128	.2411292	.0022035	.013213
%RSD	.3683716	.5371666	.3506201	24.75637	63.63643	.8811995	1.197396

#1	3.478213	10.78729	.1472018	-.000599	.1904963	.2480138	1.088388
#2	3.453843	10.67267	.1476691	-.000370	.6506562	.2523917	1.109387
#3	3.459468	10.71967	.1482359	-.000583	.2955983	.2497650	1.112783

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.759612	1.756496	-.003021	.0081207	.5507193	2.012122	.0500453
Stddev	.019155	.003103	.001923	.0001889	.0051185	.023503	.0021609
%RSD	.5094832	.1766308	63.63821	2.325962	.9294143	1.168059	4.317932

#1	3.751423	1.753625	-.005131	.0079038	.5556816	2.037888	.0475571
#2	3.745913	1.756078	-.002565	.0082096	.5454578	2.006620	.0511274
#3	3.781500	1.759787	-.001368	.0082487	.5510186	1.991858	.0514514

Sample Name: K5086-20 Acquired: 10/04/2019 11:19:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B50D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4231755	.0787056	.1111818
Stddev	.0027749	.0005301	.0001255
%RSD	.6557413	.6735613	.1128368

#1	.4231365	.0783651	.1113265
#2	.4259697	.0793164	.1111031
#3	.4204202	.0784353	.1111159

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1527.017	2826.037	35417.12	6827.775	2718.540
Stddev	12.803	1.002	195.17	46.238	3.596
%RSD	.8384249	.0354580	.5510556	.6772066	.1322859

#1	1541.741	2826.151	35512.10	6777.112	2719.046
#2	1518.508	2826.978	35546.62	6838.514	2714.718
#3	1520.801	2824.983	35192.64	6867.698	2721.857

Sample Name: K5086-19LX5 Acquired: 10/04/2019 11:27:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B50L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062229	.0023009	.0755907	-.005668	-.000174	22.88143	.1420298
Stddev	.0025434	.0007776	.0005201	.003143	.001542	.03923	.0003781
%RSD	40.87211	33.79438	.6880459	55.46236	887.9978	.1714484	.2662120

#1	.0091038	.0031988	.0754158	-.009230	.001130	22.83616	.1418018
#2	.0042879	.0018615	.0761758	-.004487	.000224	22.90565	.1424662
#3	.0052771	.0018425	.0751807	-.003285	-.001876	22.90246	.1418213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013717	.0011586	3.483906	.0234279	.0225762	.0212683	46.04099
Stddev	.0000166	.0000253	.021344	.0001488	.0003007	.0005015	.10600
%RSD	1.206962	2.186644	.6126392	.6350890	1.331851	2.357819	.2302262

#1	.0013587	.0011298	3.508481	.0235529	.0229220	.0210700	46.09069
#2	.0013660	.0011776	3.470009	.0232633	.0224310	.0208963	45.91927
#3	.0013904	.0011683	3.473227	.0234676	.0223757	.0218386	46.11301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7426033	2.288775	.0293376	-.000313	-.337083	.0545172	.2314116
Stddev	.0013734	.032439	.0002301	.000088	.072080	.0022788	.0036121
%RSD	.1849475	1.417305	.7842137	28.12294	21.38354	4.179904	1.560884

#1	.7411776	2.288186	.0291191	-.000215	-.411347	.0571402	.2275052
#2	.7427145	2.256635	.0293160	-.000341	-.267405	.0530248	.2320990
#3	.7439177	2.321504	.0295777	-.000384	-.332498	.0533866	.2346305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6780285	.3550868	-.007715	.0013473	.1059608	.4323357	.0102397
Stddev	.0353341	.0024854	.000877	.0002599	.0003495	.0024794	.0007090
%RSD	5.211305	.6999485	11.36295	19.29256	.3298086	.5734897	6.923710

#1	.6374017	.3560584	-.007719	.0015416	.1055625	.4299134	.0098095
#2	.7015977	.3522623	-.008590	.0010520	.1061038	.4322252	.0098516
#3	.6950862	.3569396	-.006837	.0014484	.1062160	.4348685	.0110580

Sample Name: K5086-19LX5 Acquired: 10/04/2019 11:27:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B50L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0904074	.0160867	.0232722
Stddev	.0004618	.0008681	.0000741
%RSD	.5108359	5.396352	.3182167

#1	.0898776	.0166717	.0232077
#2	.0907249	.0150893	.0232558
#3	.0906197	.0164991	.0233530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1460.949	2702.817	33778.67	6399.685	2752.807
Stddev	4.317	5.339	42.93	32.854	5.254
%RSD	.2954615	.1975466	.1271035	.5133636	.1908628

#1	1458.913	2697.059	33738.79	6361.865	2747.858
#2	1465.906	2703.789	33773.10	6421.168	2752.242
#3	1458.026	2707.604	33824.12	6416.021	2758.320

Sample Name: K5086-21 Acquired: 10/04/2019 11:23:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B50S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1064445	.1218718	.3705169	.0688639	.0789429	121.1882	5.078664
Stddev	.0033608	.0022869	.0020204	.0046767	.0010689	.2030	.016509
%RSD	3.157352	1.876517	.5452940	6.791185	1.354045	.1675368	.3250706

#1	.1065931	.1192311	.3707512	.0656169	.0785825	121.2577	5.097603
#2	.1097286	.1232101	.3683896	.0667505	.0781008	121.3474	5.071071
#3	.1030119	.1231742	.3724100	.0742243	.0801455	120.9596	5.067317

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1102395	.1135304	16.79414	.5702430	1.208523	.5419070	226.5554
Stddev	.0004221	.0001284	.08521	.0013933	.001698	.0033643	.8492
%RSD	.3829229	.1130924	.5073640	.2443305	.1404776	.6208359	.3748454

#1	.1106250	.1135247	16.82362	.5718247	1.209881	.5430094	227.4947
#2	.1103051	.1134050	16.86070	.5697070	1.206620	.5445819	226.3295
#3	.1097884	.1136616	16.69811	.5691974	1.209068	.5381298	225.8419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.273158	11.44317	1.260455	.1076234	.3496305	1.325631	2.020918
Stddev	.015192	.03790	.002283	.0006518	.1784376	.002121	.007613
%RSD	.3555189	.3312154	.1811549	.6056599	51.03604	.1600011	.3767089

#1	4.288756	11.45517	1.262290	.1082045	.4665191	1.323281	2.012517
#2	4.272312	11.47363	1.257898	.1077471	.1442414	1.327404	2.027362
#3	4.258407	11.40073	1.261176	.1069186	.4381310	1.326209	2.022874

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.122492	1.729320	-.001361	.0084745	.5299127	1.804754	.0203360
Stddev	.040539	.007386	.002348	.0003542	.0052222	.004970	.0001892
%RSD	.9833565	.4270845	172.5561	4.179230	.9854805	.2753596	.9306186

#1	4.147427	1.737356	.000715	.0086128	.5265858	1.810183	.0201354
#2	4.144333	1.727775	-.003909	.0087387	.5272206	1.800429	.0205114
#3	4.075716	1.722829	-.000889	.0080721	.5359316	1.803651	.0203612

Sample Name: K5086-21 Acquired: 10/04/2019 11:23:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B50S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3867874	.0839668	.1159389
Stddev	.0012902	.0004567	.0001254
%RSD	.3335562	.5439473	.1081499

#1	.3861838	.0844441	.1160832
#2	.3882688	.0839222	.1158565
#3	.3859098	.0835339	.1158771

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1516.286	2792.145	35223.38	6741.025	2687.359
Stddev	3.316	2.939	200.02	34.572	7.204
%RSD	.2187203	.1052471	.5678526	.5128653	.2680654

#1	1519.594	2790.279	35128.62	6720.472	2679.044
#2	1512.962	2790.624	35088.36	6721.664	2691.316
#3	1516.302	2795.533	35453.17	6780.940	2691.717

Sample Name: K5069-04A Acquired: 10/04/2019 11:35:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005612	-.001312	.2510753	2.052346	.0249705	.4783726
Stddev	.005214	.000953	.0003377	.003383	.0014223	.0073100
%RSD	92.92068	72.58811	.1345149	.1648140	5.695926	1.528106

#1	-.007940	-.002375	.2512193	2.054256	.0234846	.4839942
#2	.000361	-.000535	.2506894	2.054342	.0251076	.4810148
#3	-.009256	-.001026	.2513171	2.048441	.0263193	.4701088

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6055869	.0001041	.0208483	89.80053	.0023894	-.000049
Stddev	.0038342	.0000122	.0001432	.44960	.0003655	.000134
%RSD	.6331354	11.69110	.6868063	.5006694	15.29705	271.6656

#1	.6016692	.0001133	.0209145	89.62944	.0024407	-.000033
#2	.6093317	.0000903	.0206840	90.31056	.0027265	-.000191
#3	.6057598	.0001088	.0209464	89.46159	.0020009	.000076

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0731439	.2376443	.2472183	9.597234	.0120534	-.000001
Stddev	.0014130	.0076229	.0016497	.048020	.0002496	.000088
%RSD	1.931763	3.207714	.6672968	.5003535	2.070672	6877.566

#1	.0731195	.2317012	.2461345	9.580704	.0120083	.000054
#2	.0745689	.2349927	.2491169	9.651335	.0118293	.000045
#3	.0717433	.2462389	.2464037	9.559662	.0123224	-.000103

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1473.280	.0022201	1.137824	5.570468	.2449897	.1490351
Stddev	3.963	.0012075	.002897	.024444	.0020404	.0018321
%RSD	.2689890	54.38668	.2546522	.4388098	.8328424	1.229318

#1	1470.291	.0009359	1.135817	5.548785	.2473196	.1511397
#2	1477.776	.0023921	1.136509	5.565660	.2441275	.1481681
#3	1471.775	.0033324	1.141146	5.596958	.2435219	.1477973

Sample Name: K5069-04A Acquired: 10/04/2019 11:35:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK8A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000156	1.201398	2.431408	-.000557	.0075786	-.001501
Stddev	.000233	.001593	.023880	.000379	.0012299	.001316
%RSD	148.8990	.1326025	.9821528	67.99717	16.22860	87.68172
#1	-.000023	1.203058	2.452694	-.000515	.0089896	-.003019
#2	-.000425	1.199882	2.405585	-.000201	.0067333	-.000663
#3	-.000021	1.201254	2.435947	-.000955	.0070130	-.000822

Elem	Sr4077
Units	ppm
Avg	.3346949
Stddev	.0002058
%RSD	.0614939
#1	.3344816
#2	.3348923
#3	.3347109

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.306	2575.182	31902.25	6526.530	2418.795
Stddev	4.252	4.668	32.38	18.858	8.768
%RSD	.3076255	.1812773	.1014942	.2889456	.3625067
#1	1382.353	2577.019	31939.59	6504.984	2427.114
#2	1386.534	2578.652	31882.04	6534.568	2419.633
#3	1378.030	2569.875	31885.11	6540.037	2409.637

Sample Name: K5068-03A Acquired: 10/04/2019 11:31:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0286822	-.004690	.0080250	2.046964	.0101456	-.215904
Stddev	.0009191	.003902	.0017571	.007972	.0010864	.007480
%RSD	3.204341	83.20218	21.89556	.3894648	10.70760	3.464309

#1	.0285606	-.008663	.0082215	2.043120	.0104804	-.223045
#2	.0296559	-.004542	.0096755	2.041641	.0110251	-.216541
#3	.0278299	-.000864	.0061778	2.056129	.0089312	-.208126

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.714723	.0002422	.0001622	626.3187	.0023260	.0252682
Stddev	.024573	.0000742	.0001163	6.2826	.0002772	.0002221
%RSD	.6615107	30.61802	71.65506	1.003092	11.91857	.8788016

#1	3.740609	.0002939	.0000942	633.5698	.0020153	.0255061
#2	3.711846	.0002756	.0002965	622.5014	.0024147	.0252323
#3	3.691715	.0001572	.0000961	622.8848	.0025480	.0250663

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033052	-.097326	2.769840	16.87870	.0371475	.0000090
Stddev	.0016024	.006078	.015172	.10102	.0004644	.0003435
%RSD	48.48130	6.244475	.5477436	.5984927	1.250273	3822.020

#1	.0044420	-.100377	2.781775	16.97995	.0371584	.0002102
#2	.0040011	-.101274	2.774980	16.87825	.0366777	-.000388
#3	.0014725	-.090328	2.752767	16.77791	.0376064	.000204

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1518.965	.0123041	1.738429	5.480232	.0519921	.3141591
Stddev	7.997	.0020892	.013418	.057466	.0006650	.0039180
%RSD	.5265040	16.97944	.7718726	1.048598	1.279079	1.247141

#1	1526.382	.0132732	1.723983	5.545873	.0521233	.3179683
#2	1520.020	.0137327	1.750504	5.455821	.0512713	.3143682
#3	1510.492	.0099064	1.740799	5.439002	.0525817	.3101407

Sample Name: K5068-03A Acquired: 10/04/2019 11:31:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293085	6.907933	2.656499	-.003392	-.012881	.1650406
Stddev	.0001994	.028883	.029937	.000564	.000197	.0005986
%RSD	.6804683	.4181099	1.126941	16.62914	1.529318	.3627026
#1	.0292275	6.874925	2.690937	-.002741	-.012849	.1654003
#2	.0291623	6.920310	2.641881	-.003736	-.013091	.1653719
#3	.0295357	6.928565	2.636680	-.003700	-.012701	.1643496

Elem	Sr4077
Units	ppm
Avg	1.997084
Stddev	.001831
%RSD	.0916665
#1	1.998808
#2	1.997282
#3	1.995163

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1374.135	2540.876	31957.04	6518.155	2296.787
Stddev	2.304	4.949	107.29	43.402	3.540
%RSD	.1676574	.1947917	.3357398	.6658651	.1541097
#1	1376.683	2540.879	31935.53	6471.738	2300.605
#2	1372.199	2545.823	31862.13	6524.997	2296.141
#3	1373.522	2535.924	32073.46	6557.730	2293.615

Sample Name: K5066-03A Acquired: 10/04/2019 11:49:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7265401	.0097447	.2690087	.0992571	.0066806	109.3639
Stddev	.0044529	.0041926	.0018837	.0029923	.0002466	.2851
%RSD	.6128866	43.02413	.7002308	3.014714	3.691385	.2606949

#1	.7219197	.0052764	.2705118	.0970792	.0069057	109.0422
#2	.7268967	.0103652	.2696187	.0980231	.0064170	109.5854
#3	.7308040	.0135923	.2668956	.1026691	.0067193	109.4640

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.52799	.0304353	.0108681	69.84187	.1746535	.1301804
Stddev	.02317	.0000220	.0001504	.21634	.0018557	.0000984
%RSD	.2009504	.0724048	1.384268	.3097576	1.062517	.0756082

#1	11.50723	.0304558	.0109839	69.59420	.1727781	.1301457
#2	11.52377	.0304379	.0109224	69.93743	.1746934	.1301040
#3	11.55298	.0304120	.0106981	69.99398	.1764889	.1302915

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.203125	154.8584	1.108639	13.10221	.2264116	.0007812
Stddev	.002711	.4496	.003889	.04356	.0007967	.0001548
%RSD	.2252995	.2903431	.3507805	.3324837	.3518931	19.81505

#1	1.204818	154.6400	1.105148	13.05394	.2271687	.0007704
#2	1.204558	155.3755	1.112830	13.13859	.2255804	.0006320
#3	1.199999	154.5598	1.107938	13.11411	.2264856	.0009410

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.209073	.7316622	4.121015	21.42896	F 17.27419	.2152891
Stddev	.148778	.0017264	.003197	.03048	.04525	.0021921
%RSD	4.636177	.2359494	.0775747	.1422247	.2619411	1.018199

#1	3.368105	.7297384	4.122196	21.45337	17.29117	.2147798
#2	3.185829	.7321717	4.117396	21.39480	17.30849	.2176909
#3	3.073284	.7330764	4.123454	21.43871	17.22290	.2133964

Sample Name: K5066-03A Acquired: 10/04/2019 11:49:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF9A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541389	16.89599	6.015366	.0163345	3.257362	.2477133
Stddev	.0001925	.04862	.028253	.0014193	.009288	.0005149
%RSD	.3555314	.2877516	.4696831	8.689167	.2851279	.2078548

#1	.0543594	16.91186	5.996865	.0170169	3.246823	.2480017
#2	.0540532	16.93468	6.001347	.0172838	3.264351	.2471189
#3	.0540041	16.84141	6.047887	.0147028	3.260913	.2480194

Elem	Sr4077
Units	ppm
Avg	2.207838
Stddev	.023202
%RSD	1.050907

#1	2.218754
#2	2.223570
#3	2.181191

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.638	3644.476	46064.90	8930.607	2591.050
Stddev	12.800	1.433	220.70	5.945	5.105
%RSD	.6525034	.0393239	.4791100	.0665685	.1970090

#1	1961.223	3644.627	46134.36	8934.047	2585.373
#2	1974.639	3645.827	46242.51	8934.032	2595.261
#3	1949.050	3642.973	45817.82	8923.742	2592.517

Sample Name: K5086-04DLX5 Acquired: 10/04/2019 11:43:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B03 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0351858	.0024387	.2884373	-.008015	.0007478	14.15977	.2983702
Stddev	.0012971	.0020625	.0024382	.001156	.0010851	.06089	.0020090
%RSD	3.686508	84.57282	.8453077	14.42770	145.1146	.4299881	.6733252

#1	.0337163	.0044067	.2908964	-.006981	.0006315	14.09978	.2976193
#2	.0356695	.0002933	.2860206	-.009263	.0018864	14.15803	.2968448
#3	.0361715	.0026160	.2883948	-.007800	-.000275	14.22151	.3006465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027260	.0036074	3.604465	.0315260	.0267761	.0564422	99.47754
Stddev	.0000896	.0000183	.033794	.0006924	.0002735	.0013146	.55804
%RSD	3.288212	.5060871	.9375624	2.196401	1.021418	2.329027	.5609660

#1	.0027426	.0035876	3.592204	.0318278	.0266914	.0550373	99.13475
#2	.0026292	.0036235	3.578514	.0307339	.0270819	.0576424	99.17642
#3	.0028061	.0036112	3.642679	.0320163	.0265549	.0566470	100.1215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.096520	2.451690	.0397161	.0001908	-.467848	.0538844	.4883430
Stddev	.009008	.030856	.0002663	.0004659	.436814	.0020263	.0120120
%RSD	.8215068	1.258570	.6704303	244.2454	93.36664	3.760410	2.459742

#1	1.090907	2.416859	.0398640	.0007265	-.767992	.0559675	.4772340
#2	1.091742	2.475602	.0398755	-.000034	.033282	.0519202	.5010899
#3	1.106910	2.462609	.0394087	-.000120	-.668834	.0537655	.4867050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.448384	1.418040	-.007171	.0026666	1.049141	.3755955	.0405109
Stddev	.016936	.008184	.002564	.0000813	.002292	.0113927	.0002871
%RSD	1.169293	.5771651	35.75031	3.047812	.2185032	3.033246	.7086746

#1	1.447300	1.426882	-.009917	.0027349	1.047912	.3757867	.0404806
#2	1.432016	1.410729	-.004841	.0026882	1.051785	.3641084	.0408120
#3	1.465836	1.416511	-.006755	.0025767	1.047724	.3868915	.0402402

Sample Name: K5086-04DLX5 Acquired: 10/04/2019 11:43:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B03 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0716418	.0236590	.0538026
Stddev	.0006395	.0007478	.0000412
%RSD	.8925831	3.160715	.0765693

#1	.0719677	.0245160	.0538501
#2	.0709050	.0231387	.0537791
#3	.0720526	.0233224	.0537785

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1457.460	2709.746	33826.03	6485.163	2747.861
Stddev	15.537	2.545	211.02	72.393	3.324
%RSD	1.066045	.0939275	.6238245	1.116284	.1209687

#1	1474.132	2712.020	34065.11	6479.523	2748.272
#2	1443.386	2710.221	33665.77	6560.210	2750.960
#3	1454.861	2706.996	33747.22	6415.754	2744.350

Sample Name: CCB089 Acquired: 10/04/2019 11:57:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004785	-.000633	.0003358	.0036576	-.000187	.0171536	.0004877
Stddev	.003961	.002858	.0009008	.0026840	.001279	.0074633	.0002015
%RSD	82.78638	451.6673	268.2142	73.37977	682.6869	43.50868	41.32259

#1	-.004942	-.003297	.0003380	.0060534	-.001356	.0228092	.0005432
#2	-.008665	.002386	-.000566	.0007571	.001179	.0199571	.0006557
#3	-.000747	-.000988	.001236	.0041623	-.000385	.0086945	.0002642

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000071	.0000525	.0223547	.0004529	.0002542	.0021357	.0171833
Stddev	.000038	.0000347	.0093936	.0003520	.0002334	.0015926	.0007171
%RSD	53.12778	66.09825	42.02090	77.72024	91.81319	74.56756	4.173299

#1	-.000054	.0000774	.0312488	.0003145	.0004501	.0034958	.0179924
#2	-.000045	.0000129	.0232846	.0001912	.0003164	.0003838	.0169317
#3	-.000114	.0000671	.0125307	.0008531	-.000004	.0025276	.0166260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008184	.0188291	-.000017	-.000144	-.232817	.0000502	.0027972
Stddev	.0001878	.0122136	.000174	.000293	.288128	.0023391	.0006655
%RSD	22.95061	64.86533	1026.156	202.8251	123.7573	4656.404	23.79147

#1	.0009709	.0327831	-.000100	-.000460	-.469197	-.000793	.0021170
#2	.0008757	.0136224	.000183	.000118	.088132	.002694	.0028275
#3	.0006086	.0100817	-.000133	-.000091	-.317387	-.001750	.0034469

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0784013	.0007010	.0021207	.0002169	-.001690	.0014874	.0002660
Stddev	.0759611	.0016227	.0009086	.0002874	.001907	.0015502	.0011058
%RSD	96.88747	231.4784	42.84433	132.5213	112.8174	104.2231	415.7768

#1	.1472492	.0019158	.0026131	.0001471	-.003892	.0015900	-.000908
#2	-.003087	.0013291	.0026769	.0005327	-.000639	.0029837	.001288
#3	.091042	-.001142	.0010722	-.000029	-.000540	-.000112	.000418

Sample Name: CCB089 Acquired: 10/04/2019 11:57:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB089 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013418	.0073947	.0001656
Stddev	.0004323	.0020779	.0000874
%RSD	32.21499	28.09918	52.79181

#1	.0017283	.0055592	.0002349
#2	.0008750	.0069743	.0001945
#3	.0014221	.0096506	.0000674

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1447.143	2658.061	33297.28	6229.686	2754.838
Stddev	1.694	5.316	133.54	23.332	3.453
%RSD	.1170857	.2000082	.4010504	.3745244	.1253445

#1	1445.375	2652.001	33145.97	6250.023	2751.157
#2	1447.300	2660.243	33347.19	6204.215	2758.006
#3	1448.753	2661.940	33398.67	6234.820	2755.353

Sample Name: CCV089 Acquired: 10/04/2019 11:53:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.768802	4.727576	24.55748	4.717633	4.723667	410.3403	10.30618
Stddev	.018883	.011132	.03430	.018760	.009237	4.9346	.05611
%RSD	.3959777	.2354788	.1396756	.3976544	.1955407	1.202564	.5444605

#1	4.753965	4.738239	24.52276	4.704236	4.715549	406.6792	10.24673
#2	4.762382	4.716027	24.55833	4.709589	4.721736	415.9521	10.35822
#3	4.790058	4.728460	24.59135	4.739073	4.733717	408.3897	10.31357

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5087095	2.414204	423.3319	15.04809	2.487854	14.77875	418.2373
Stddev	.0027731	.006901	2.4672	.01807	.006530	.03277	1.7613
%RSD	.5451202	.2858340	.5827957	.1200924	.2624887	.2217068	.4211197

#1	.5055524	2.408626	420.5508	15.05355	2.486936	14.74492	416.2770
#2	.5098248	2.412067	425.2572	15.06281	2.481832	14.81034	419.6864
#3	.5107512	2.421921	424.1876	15.02792	2.494795	14.78100	418.7485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.30198	411.6598	2.400087	1.320182	409.4971	2.528870	14.46285
Stddev	.07641	2.0732	.006866	.010014	1.9668	.005593	.06575
%RSD	.4993595	.5036094	.2860526	.7585011	.4803067	.2211492	.4546233

#1	15.21500	409.2905	2.401664	1.331743	407.2424	2.525897	14.53867
#2	15.35828	413.1405	2.392571	1.314231	410.8604	2.535321	14.42141
#3	15.33267	412.5485	2.406027	1.314573	410.3885	2.525392	14.42848

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.9303	4.907533	5.084383	4.769201	4.911862	4.944874	4.904836
Stddev	.5173	.022165	.016207	.015445	.009749	.016600	.009228
%RSD	.3473412	.4516581	.3187519	.3238592	.1984794	.3357002	.1881361

#1	148.4512	4.899558	5.066773	4.754018	4.912797	4.925758	4.894209
#2	148.8608	4.890458	5.087704	4.768689	4.901679	4.953211	4.909486
#3	149.4788	4.932582	5.098671	4.784896	4.921110	4.955653	4.910814

Sample Name: CCV089 Acquired: 10/04/2019 11:53:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v980) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV089 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.045511	5.344081	5.064756
Stddev	.016060	.043806	.037792
%RSD	.3182965	.8197027	.7461851

#1	5.027544	5.294252	5.023716
#2	5.058469	5.376528	5.098124
#3	5.050521	5.361463	5.072428

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1171.064	2229.245	29347.24	5906.065	2153.328
Stddev	7.153	3.930	228.86	19.868	4.437
%RSD	.6108226	.1762819	.7798336	.3364041	.2060435

#1	1162.956	2232.728	29131.68	5927.241	2155.965
#2	1176.479	2230.024	29322.63	5887.833	2155.814
#3	1173.758	2224.985	29587.41	5903.122	2148.206